

American Journal of Obstetrics and Gynecology

Editors

FREDERICK P. ZUSPAN, *Editor in Chief*

Donna Peterson, *Editorial Assistant*

E. J. QUILLIGAN, *Editor in Chief*

Sherry A. Merryman, *Editorial Assistant*

STEVEN G. GABBE, *Associate Editor*

THOMAS J. GARITE, *Associate Editor*

MOON H. KIM, *Associate Editor*

ALBERTO MANETTA, *Associate Editor*

JOHN I. BREWER, *Editor Emeritus*

Advisory committee on policy

William R. Anderson

W. Glenn Hurt

John C. Morrison

Mason C. Andrews

Emmet J. Lamb

Karl C. Podratz

Richard Bolton

Willette LeHew

Kenneth J. Ryan

E. Forrest Boyd

Roger A. Lobo

Ruth W. Schwartz

Robert C. Cefalo

Theodore W. Loring

James R. Scott

Donald R. Coustan

Douglas J. Marchant

Carol Trumbold

A. Jerome Freeland

Arthur M. McCausland

Ronald V. Wade

Norman F. Gant

James A. Merrill

Sze-ya Yeh

Albert Gerbie

Frank Miller

James P. Youngblood

Board of corresponding editors

Luigi Carenza, *Rome, Italy*

Nils-Otto Sjöberg, *Malmö, Sweden*

T.K.A.B. Eskes, *Nijmegen, The Netherlands*

Gordon M. Stirrat, *Bristol, England*

Wolfgang Künzel, *Giessen, West Germany*

Claude Sureau, *Paris, France*

Matsuto Mochizuki, *Kobe, Japan*

Carl Wood, *Melbourne, Victoria, Australia*

M. Reuben Peyster, *Tel Aviv, Israel*

Olavi Ylikorkala, *Helsinki, Finland*

Publisher

MOSBY-YEAR BOOK, INC., 11830 Westline Industrial Drive,

St. Louis, MO 63146-3318

Kay G. Goehler, *Senior Manuscript Editor*

Volume 164

January-June, 1991

Mosby-Year Book, Inc.

St. Louis

1991

*in addition to those listed on the front cover
the Journal is the official publication
of the following societies*

NEW YORK OBSTETRICAL SOCIETY
OBSTETRICAL SOCIETY OF PHILADELPHIA
BROOKLYN GYNECOLOGICAL SOCIETY
ST. LOUIS GYNECOLOGICAL SOCIETY
NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY
THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND
CHICAGO GYNECOLOGICAL SOCIETY
CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY
WASHINGTON GYNECOLOGICAL SOCIETY
PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
BOSTON OBSTETRICAL SOCIETY
LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SEATTLE GYNECOLOGICAL SOCIETY
ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY
KANSAS CITY GYNECOLOGICAL SOCIETY
CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS
AND OBSTETRICIANS
NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY
JACKSON GYNECIC SOCIETY
INDIANA OBSTETRICAL AND GYNECOLOGICAL SOCIETY
THE MINNESOTA OBSTETRICAL AND GYNECOLOGICAL SOCIETY
COLUMBUS OBSTETRIC AND GYNECOLOGIC SOCIETY
GREATER HARTFORD OBSTETRICAL AND GYNECOLOGICAL SOCIETY
CLEVELAND SOCIETY OF OBSTETRICIANS AND GYNECOLOGISTS

Volume 164
Copyright © 1991 by Mosby-Year Book, Inc.
(All rights reserved)

Printed in the United States of America

Index to volume 164

Author index*

A

- Aalders JG (*see van der Zee et al.*) 1991;164:504-6
Aarons JH (*see Jovanovic-Peterson et al.*) 1991;164:103-11
Abramowicz JS (*see Sherer et al.*) 1991;164:591-2
— (*see Sherer et al.*) 1991;164:1104-6
Abrams B, Newman V. Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort. 1991;164:785-90
Abrams RM, Wasserman DE. Occupational vibration during pregnancy. 1991;164:1152 (Letter)
— (*see Graham et al.*) 1991;164:1140-4
Achiron A (*see Orvieto et al.*) 1991;164:1687-8 (Letter)
Achiron R (*see Orvieto et al.*) 1991;164:1687-8 (Letter)
Acker G (*see Casimiri et al.*) 1991;164:599-603
Acosta AA (*see Oehninger et al.*) 1991;164:1210-5
Aho M (*see Nieminen et al.*) 1991;164:1265-9
Aitken RJ, Irvine DS, Wu FC. Prospective analysis of spermocyte fusion and reactive oxygen species generation as criteria for the diagnosis of infertility. 1991;164:542-51
Aitkenhead AR (*see Ramasubramanian et al.*) 1991;164:1151-2 (Letter)
Albers LL, Savitz DA. Hospital setting and fetal death during labor among women at low risk. 1991;164:868-73
Alexander GR (*see Hulsey et al.*) 1991;164:1299-302
Alexander NJ (*see Cunningham et al.*) 1991;164:791-6
Ailen T (*see Sherer et al.*) 1991;164:591-2
Amoroso M (*see Scambia et al.*) 1991;164:631-6
Amos JA (*see Milunsky et al.*) 1991;164:751-5
Amouroux J (*see Monsonego et al.*) 1991;164:1181-9
Amuso G (*see Benigni et al.*) 1991;164:844-8
Anceschi MM (*see Barbat et al.*) 1991;164:1355-9
Andersch B (*see Milsom et al.*) 1991;164:879-83
Andersen HF (*see Barr et al.*) 1991;164:706-7 (Letter)
— (*see Rosen et al.*) 1991;164:825-8
Andersen RN (*see Simpson et al.*) 1991;164:829-36
Anderson CF (*see Shenker et al.*) 1991;164:1597-600
Anderson DJ (*see Davajan et al.*) 1991;164:1666-72
Anderson DS (*see Dayton et al.*) 1991;164:703-4 (Letter reply)
Anderson GD (*see Berenson et al.*) 1991;164:1491-9
Anderson NC Jr (*see Young et al.*) 1991;164:1132-9
Anderson TL (*see Bergh et al.*) 1991;164:1127-31
Andersson K (*see Milsom et al.*) 1991;164:879-83
Annas GJ (*see Elias et al.*) 1991;164:1077-83 (Clin. opinion)
Arduini D (*see Rizzo et al.*) 1991;164:837-43
Ariceta JM (*see Matorras et al.*) 1991;164:42-4
Armstrong MA (*see Dyson et al.*) 1991;164:756-62
Arvin AM (*see Frenkel et al.*) 1991;164:569-76
Asamoto A (*see Yabuki et al.*) 1991;164:7-14 (Clin. opinion)
Athanasiadis AP (*see Romero et al.*) 1991;164:859-62
Atrash HK (*see Syverson et al.*) 1991;164:603-8

*January, part 1, 1-240; part 2, 241-466; February, 467-708; March, 709-938; April, 939-1154; May, part 1, 1155-1368; part 2, 1369-1400; June, part 1, 1401-1766; part 2, 1767-1796.

- Averbuch M (*see Pines et al.*) 1991;164:806-12
Avila C (*see Romero et al.*) 1991;164:859-62
Ayalon D (*see Pines et al.*) 1991;164:806-12
Aznar J (*see España et al.*) 1991;164:1310-6

B

- Bacchi Modena A (*see Raboni et al.*) 1991;164:237 (Letter)
Baiocchi G (*see Scambia et al.*) 1991;164:631-6
Baldwin VJ (*see Bendon et al.*) 1991;164:582-6
Ball KT (*see Gunn et al.*) 1991;164:210-7
Balotta F (*see Parazzini et al.*) 1991;164:522-7
Bañales JL (*see Vadillo-Ortega et al.*) 1991;164:664-8
Bantham K (*see Fleming et al.*) 1991;164:38-41
Barakat AAT (*see Toppozada et al.*) 1991;164:1229-32
Barbati A, Broccucci L, Anceschi MM, Cosmi EV. Regulation of CA 125 production by amnion and WISH cells in culture. 1991;164:1355-9
Barr HM (*see Streissguth et al.*) 1991;164:1239-43
Barr M Jr, Hayashi RH, Andersen HF, Pridjian GC, Nugent CE. Webster should not affect prenatal diagnosis. 1991;164:706-7 (Letter)
Barton JJ. Prevalence of acquired immunodeficiency syndrome detected during prenatal care of population of low socioeconomic status. 1991;164:706 (Letter reply)
Barton JR, Sibai BM. Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? 1991;164:1691 (Letter reply)
Barton SE (*see Kell and Barton*) 1991;164:935 (Letter)
Basso D (*see Keenan et al.*) 1991;164:54-6
Bast RC Jr (*see Berchuck et al.*) 1991;164:15-21
— (*see Berchuck et al.*) 1991;164:669-74
— (*see Rodriguez et al.*) 1991;164:745-50
Bateman BG. Methotrexate treatment of tubal pregnancy. 1991;164:231 (Letter)
Bawdon RE (*see Little et al.*) 1991;164:927-30
— (*see Wendel et al.*) 1991;164:1390-6
Baxi LV, Kovilam OP, Collins MH, Walther RR. Recurrent herpes gestationis with postpartum flare: a case report. 1991;164:778-80
Becroft DMO (*see Gunn and Becroft*) 1991;164:934-5 (Letter)
Belfort M (*see Kirshon et al.*) 1991;164:818-20
Bell TA (*see Nettleman and Bell*) 1991;164:1289-94
Bell WR (*see Burkman et al.*) 1991;164:1453-60
Bellizzi L (*see Benigni et al.*) 1991;164:844-8
Benacerraf BR (*see Bromley et al.*) 1991;164:863-7
Ben-Ari E (*see Pines et al.*) 1991;164:806-12
Ben-Baruch G (*see Schiff et al.*) 1991;164:1689 (Letter reply)
Bendel RP (*see Gaziano et al.*) 1991;164:1426-33
Bendon RW, Tyson RW, Baldwin VJ, Cashner KA, Mimouni F, Miodovnik M. Umbilical cord ulceration and intestinal atresia: A new association? 1991;164:582-6
Benedetti TJ (*see Clark et al.*) 1991;164:883-7
Benigni A, Gaspari F, Orsilio S, Bellizzi L, Amuso G, Frusca T, Remuzzi G. Human placenta expresses endothelin gene and corresponding protein is excreted in urine in increasing amounts during normal pregnancy. 1991;164:844-8

- Ber A (see Pauzner et al). 1991;164:152-3
- Berbinschi A (see Raboni et al). 1991;164:237 (Letter)
- Berchuck A, Rodriguez G, Kinney RB, Soper JT, Dodge RK, Clarke-Pearson DL, Bast RC Jr. Overexpression of HER-2/neu in endometrial cancer is associated with advanced stage disease. 1991;164:15-21
- , —, Kamel A, Dodge RK, Soper JT, Clarke-Pearson DL, Bast RC Jr. Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer. 1991;164:669-74
- (see Rodriguez et al). 1991;164:745-50
- Berek JS, Chung C, Kaldi K, Watson JM, Knox RM, Martínez-Maza O. Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer. 1991;164:1038-43
- (see Homesley et al). 1991;164:997-1004
- Berenson AB, Stiglich NJ, Wilkinson GS, Anderson GD. Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women. 1991;164:1491-9
- Berg PA, Anderson TL, Hofmann GE. Immunohistochemical localization of gonadotropin-releasing hormone during implantation in the New Zealand White rabbit. 1991;164:1127-31
- Bergmann F (see How et al). 1991;164:92-8
- Berle P (see Weiss et al). 1991;164:534-40
- Bernardini I, Evans MI, Nicolaides KH, Economides DL, Gahl WA. The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation. 1991;164:1481-90
- Bertero MC (see Sharpe et al). 1991;164:187-94
- Besinger RE, Niebyl JR, Keyes WG, Johnson TRB. Randomized comparative trial of indomethacin and ritodrine for the long-term treatment of preterm labor. 1991;164:981-8
- Bhorat I (see Naidoo et al). 1991;164:530-3
- Biondi A (see Pinto et al). 1991;164:507-13
- Bishop KR (see Cosner et al). 1991;164:936 (Letter)
- Biswas MK (see Summers et al). 1991;164:540-2
- Bitterman P (see Potkul et al). 1991;164:652-8
- Blackmore CA (see Savitz et al). 1991;164:467-71 (Clin. opinion)
- Blackwelder WC (see Carey et al). 1991;164:728-33
- (see Ehrenkranz et al). 1991;164:233-4 (Letter reply)
- Blake PG (see Martin et al). 1991;164:1500-13
- Blanchard GF Jr (see Katz et al). 1991;164:99-100
- Bobadilla JL, Walker GJA. Early neonatal mortality and cesarean delivery in Mexico City. 1991;164:22-8
- Boekkooi PF, Verkeste CM, Peeters LLH. The effect of volume expansion on placental blood flow in awake hypovolemic rats in late pregnancy. 1991;164:921-6
- Boer K (see Huber et al). 1991;164:1216-9
- Boklage C (see Derom et al). 1991;164:797-800
- Bolton RN (see Neilson et al). 1991;164:1673-9
- Borjon NA (see Shenker et al). 1991;164:1597-600
- Bottoms SF (see Evans et al). 1991;164:1092-9
- Boulware DW (see Summers et al). 1991;164:540-2
- Bouma J (see van der Zee et al). 1991;164:504-6
- Bowes WA Jr (see Thorp and Bowes). 1991;164:936 (Letter reply)
- Boyd ME (see McLean et al). 1991;164:619-24
- Brace RA, Moore TR. Transplacental, amniotic, urinary, and fetal fluid dynamics during very-large-volume fetal intravenous infusions. 1991;164:907-16
- (see Gilbert et al). 1991;164:1013-20
- Brady K (see Harlass et al). 1991;164:564-8
- Brandt D (see Gaziano et al). 1991;164:1426-33
- Breau J-L (see Monsonego et al). 1991;164:1181-9
- Bredkjær HE (see Palle et al). 1991;164:556-8
- Bremner WJ (see Soulles et al). 1991;164:989-96
- Bresciani D (see Raboni et al). 1991;164:237 (Letter)
- Brewer A (see Myatt et al). 1991;164:687-92
- Brinsden P (see Rizk et al). 1991;164:161-4
- Brioschi D (see Candiani et al). 1991;164:87-90
- Broccucci L (see Barbati et al). 1991;164:1355-9
- Brockman DE (see Myatt et al). 1991;164:687-92
- Bromley B, Frigoletto FD Jr, Benacerraf BR. Mild fetal lateral cerebral ventriculomegaly: clinical course and outcome. 1991;164:863-7
- Brooks PG, Serden SP, Davos I. Hormonal inhibition of the endometrium for resectoscopic endometrial ablation. 1991;164:1601-8
- Brown CRV (see Slaughter and Brown). 1991;164:528-9
- Brown MA. Urinary tract dilatation in pregnancy. 1991;164:642-3
- Brown ZA (see Frenkel et al). 1991;164:569-76
- (see Streissguth et al). 1991;164:1239-43
- Brumfield CG (see Winkler et al). 1991;164:637-41
- Bryson YJ (see Frenkel et al). 1991;164:569-76
- Brzyski R (see Oehninger et al). 1991;164:1210-5
- Bukovsky I (see Pansky et al). 1991;164:888-95 (Curr. dev.)
- Bundy BN (see Homesley et al). 1991;164:997-1004
- Burchfield DJ (see Graham et al). 1991;164:1140-4
- Burkman RT, Bell WR, Zucar HA, Kimball AW. Oral contraceptives and antithrombin III: variations by dosage and ABO blood group. 1991;164:1453-60
- (see Murphy et al). 1991;164:28-33
- Burrows RF, Kelton JG. Fetal-neonatal thrombocytopenia: Mode of delivery? 1991;164:1362-3 (Letter reply)
- Burry KA, Greenberg LH, Patton PE. Ovarian response in superovulated cycles after suppression with oral contraceptive steroids. 1991;164:1592-6
- Buster JE (see Stovall et al). 1991;164:231 (Letter reply)
- (see Stovall et al). 1991;164:699-700 (Letter reply)
- Butler J (see Thorpe-Beeston et al). 1991;164:1244-5
- Butler WJ (see Keenan et al). 1991;164:54-6
- Butzin CA (see Strickland et al). 1991;164:711-4 (Clin. opinion)
- Buytaert P (see Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)
- C
- Callahan R (see Romero et al). 1991;164:859-62
- Calvin S. A chill wind blows fresh air. 1991;164:706 (Letter)
- (see Gaziano et al). 1991;164:1426-33
- Camann WR. Anesthesia and funic acid-base values. 1991;164:1360 (Letter)
- Campbell K (see Sommerville et al). 1991;164:577-8
- Campbell S (see Jauniaux et al). 1991;164:486-8
- Campbell WA (see Fleming et al). 1991;164:38-41
- Candiani GB, Vercellini P, Fedele L, Garsia S, Brioschi D, Villa L. Argon laser versus microscissors for hysteroscopic incision of uterine septa. 1991;164:87-90
- Cantor B (see Steinleitner et al). 1991;164:949-52
- Cantor D (see Reid et al). 1991;164:1461-71
- Cappa F (see Romano et al). 1991;164:482-5
- Carey JC, Blackwelder WC, Nugent RP, Matteson MA, Rao AV, Eschenbach DA, Lee MLF, Rettig PJ, Regan JA, Geromanos KL, Martin DH, Pastorek JG, Gibbs RS, Lipscomb KA. Vaginal Infections and Prematurity Study Group. An-

- tepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome. 1991;164:728-33
— (see Eschenbach et al). 1991;164:734-42
- Caritis SN, Chiao JP, Kridgen P. Comparison of pulsatile and continuous ritodrine administration: effects on uterine contractility and β -adrenergic receptor cascade. 1991;164:1005-12
- Carlson DE (see Platt et al). 1991;164:1652-6
- Casanova LA (see Lurain et al). 1991;164:611-6
- Cashner KA (see Bendon et al). 1991;164:582-6
- Casimir V, Acker G, Parvez S, Parvez H, Castro L, Hobel C, Papiernik E. Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth. 1991;164:599-603
- Caspi E (see Pansky et al). 1991;164:888-95 (Curr. dev.)
— (see Raziel et al). 1991;164:616-8
- Castelain B (see Querleu et al). 1991;164:579-81
- Castro L (see Casimir et al). 1991;164:599-603
- Catalano PM, Merritt AO, Mead PB. Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors. 1991;164:1303-6
- Catanzarite V (see Merkouris et al). 1991;164:1197-202
- Cates W Jr, Wasserheit JN. Genital chlamydial infections: epidemiology and reproductive sequelae. 1991;164:1771-81
- Cavanagh D (see Hoffman et al). 1991;164:52-3
— (see Roberts et al). 1991;164:1235-8
- Caverly CB (see Sherer et al). 1991;164:1104-6
- Charache P (see Murphy et al). 1991;164:28-33
- Chauhan SP. Questions about prophylactic intrapartum amnioinfusion. 1991;164:1365 (Letter)
- Chavkin W, Rosenfield A. Webster should not affect prenatal diagnosis. 1991;164:707 (Letter reply)
— (see Syverson et al). 1991;164:603-8
- Check J. The importance of the postcoital test. 1991;164:932 (Letter)
- Chediak J (see How et al). 1991;164:92-8
- Chen S (see Taylor et al). 1991;164:204-10
- Cheng Y (see Strong et al). 1991;164:1233-4
- Chernesky M (see Sellors et al). 1991;164:113-20
- Chescheir NC (see Katz et al). 1991;164:99-100
- Chessex P (see Hazan et al). 1991;164:111-2
- Chestnut DH. Intraumbilical injection of oxytocin. 1991;164:702 (Letter)
- Cheung CY (see Gilbert et al). 1991;164:1013-20
- Chiao JP (see Caritis et al). 1991;164:1005-12
- Chik L (see Eden et al). 1991;164:1409-19
- Choi WW, Warner DS, Monahan DJ, Todd MM. Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat. 1991;164:693-7
- Christiansen C (see Marslew et al). 1991;164:1163-8
- Chung C (see Berek et al). 1991;164:1038-43
- Ciston P (see Maulik et al). 1991;164:1434-40
- Claman P, Dover M, Saginur R, Tao H, Orizaga M. Spontaneous ovarian-to-vaginal fistula: a case report. 1991;164:71-2
- Clark SL, Cotton DB, Pivarnik JM, Lee W, Hankins GDV, Benedetti TJ, Phelan JP. Position change and central hemodynamic profile during normal third-trimester pregnancy and post partum. 1991;164:883-7
- Clarke-Pearson DL (see Berchuck et al). 1991;164:15-21
— (see Berchuck et al). 1991;164:669-74
— (see Rodriguez et al). 1991;164:745-50
- Clifton DK (see Soules et al). 1991;164:989-96
- Cohen AW (see Gudmundsson et al). 1991;164:33-7
- Collin J (see Shefren et al). 1991;164:1617-21
- Collins MH (see Baxi et al). 1991;164:778-80
- Comaru-Schally A-M (see Monsonego et al). 1991;164:1181-9
- Connor JD (see Frenkel et al). 1991;164:569-76
- Constantine L (see Gall et al). 1991;164:130-4
- Cook HJ (see Eden et al). 1991;164:1409-19
- Coope J. Coagulation changes on natural estrogens. 1991;164:236 (Letter)
- Corey L (see Frenkel et al). 1991;164:569-76
- Corrado ML. The clinical experience with ofloxacin in the treatment of sexually transmitted diseases. 1991;164:1396-9
- Corral J (see Matorras et al). 1991;164:42-4
- Cosmi EV (see Barbat et al). 1991;164:1355-9
- Cosner KR, Dougherty MC, Bishop KR. Pelvic muscles and episiotomy. 1991;164:936 (Letter)
- Cotch MF (see Eschenbach et al). 1991;164:734-42
- Cotton DB (see Clark et al). 1991;164:883-7
— (see Longmire et al). 1991;164:551-6
- Coulam CB, Peters AJ, Gentry M, Gentry W, Critser ES, Critser JK. Pregnancy rates after peritoneal ovum-sperm transfer. 1991;164:1447-52
— (see Peters and Coulam). 1991;164:1530-4
- Covino JM, McCormack WM. Unraveling the mysteries of vulval ulceration in human immunodeficiency virus-seropositive women. 1991;164:935-6 (Letter reply)
- Cowan RM (see Laros et al). 1991;164:1657-65
- Cowchock FS. Budd-Chiari syndrome, obstetric complications, and antiphospholipid antibodies. 1991;164:235 (Letter)
- Cox SM, Shelburne P, Mason R, Guss S, Cunningham FG. Mechanisms of hemolysis and anemia associated with acute antepartum pyelonephritis. 1991;164:587-90
— (see Wendel et al). 1991;164:1390-6
- Crade K (see Crade et al). 1991;164:704-5 (Letter)
- Crade M, Crade K, Freeman RK. Frontothalamic measurement in the second trimester of pregnancy. 1991;164:704-5 (Letter)
- Craine BL (see Crisp et al). 1991;164:1364-5 (Letter reply)
- Craine ER (see Crisp et al). 1991;164:1364-5 (Letter reply)
- Creasy RK, Katz M. Predictive value: symptoms of preterm labor. 1991;164:700-1 (Letter reply)
- Crisp W, Craine BL, Craine ER. Computerized digital colposcopy. 1991;164:1364-5 (Letter reply)
- Crites YM (see Dyson et al). 1991;164:756-62
- Critser ES (see Coulam et al). 1991;164:1447-52
- Critser JK (see Coulam et al). 1991;164:1447-52
- Crombleholme TM, Langer JC, Harrison MR, Zanjani ED. Transplantation of fetal cells. 1991;164:218-30 (Curr. dev.)
- Crosson JT (see Dayton et al). 1991;164:703-4 (Letter reply)
- Croughan-Minihane MS (see Petitti et al). 1991;164:801-5
- Cruikshank SH. Sacrospinous fixation—Should this be performed at the time of vaginal hysterectomy? 1991;164:1072-6 (Clin. opinion)
— (see Dayton et al). 1991;164:703-4 (Letter reply)
- Cullen MT. First-trimester transvaginal ultrasonographic screening: incidence of structural anomalies. 1991;164:933 (Letter reply)
- , Whetham J, Hobbins JC. Embryoscopy: old technique new for the 1990s? 1991;164:1362 (Letter reply)
- Cumming CE (see Cumming et al). 1991;164:472-6 (Clin. opinion)
- Cumming DC, Cumming CE, Kieren DK. Menstrual mythology and sources of information about menstruation. 1991;164:472-6 (Clin. opinion)

- Cunningham BA. Cell adhesion molecules and the regulation of development. 1991;164:939-48
- Cunningham DS, Fulgham DL, Rayl DL, Hansen KA, Alexander NJ. Antisperm antibodies to sperm surface antigens in women with genital tract infection. 1991;164:791-6
- Cunningham FG (see Cox et al). 1991;164:587-90
- D**
- Dahl KD (see Soules et al). 1991;164:989-96
- D'Amico ML (see Sherer et al). 1991;164:591-2
- (see Sherer et al). 1991;164:1104-6
- Daoud Y (see Reid et al). 1991;164:1461-71
- D'Armiento M (see Romano et al). 1991;164:482-5
- Darwish E (see Toppozada et al). 1991;164:1229-32
- Davajan V, Kletzky O, Vermesh M, Anderson DJ. Ten-year follow-up of patients with secondary amenorrhea and normal prolactin. 1991;164:1666-72
- David MP (see Pauzner et al). 1991;164:152-3
- Davies SA, MacLennan VM. Endosalpingiosis as a cause of chronic pelvic pain. 1991;164:495-6
- Davos I (see Brooks et al). 1991;164:1601-8
- Dawson NV (see Speroff et al). 1991;164:165-74 (Curr. dev.)
- Dayton WD, Anderson DS, Crosson JT, Cruikshank SH. Rh immune globulin prophylaxis for threatened abortions. 1991;164:703-4 (Letter reply)
- de Bruijn HWA (see van der Zee et al). 1991;164:504-6
- DeCherney AH (see Parikh et al). 1991;164:128-9
- Dekker GA (see Wallenburg et al). 1991;164:1169-73
- Delke I (see McCalla et al). 1991;164:625-30
- Dent J (see Lawler et al). 1991;164:1270-7
- Derom C, Vlietinck R, Derom R, Boklage C, Thiery M, Van den Berghe H. Genotyping of macerated stillborn fetuses. 1991;164:797-800
- Derom R (see Derom et al). 1991;164:797-800
- De Saint Florent G (see Monsonego et al). 1991;164:1181-9
- de Sanjosé S (see Narod et al). 1991;164:1109-14 (Curr. dev.)
- Destable M-D (see Monsonego et al). 1991;164:1181-9
- de Terán GG (see Matorras et al). 1991;164:42-4
- de Vries EGE (see van der Zee et al). 1991;164:504-6
- Deweese C (see Peoples-Sheps et al). 1991;164:514-21
- Dietl J, Horny H-P, Ruck P, Marzusch K, Kaiserling E, Griesser H, Kabelitz D. Intradermal T lymphocytes lack T-cell receptors. 1991;164:702 (Letter)
- Diez J (see Matorras et al). 1991;164:42-4
- Diociee MS (see Quinonez et al). 1991;164:90-2
- Di Tommaso M (see Schmidt et al). 1991;164:1118-26
- Dodge RK (see Berchuck et al). 1991;164:15-21
- (see Berchuck et al). 1991;164:669-74
- Dodson WC (see Stout et al). 1991;164:73-9
- Donnenfeld AE, Schick-Boschetto B. Parvovirus transmission concerns. 1991;164:1363 (Letter)
- Dorchester W (see Towers et al). 1991;164:974-80
- Dorchester WL (see Pircon et al). 1991;164:1563-70
- Dougherty MC (see Cosner et al). 1991;164:936 (Letter)
- Dover M (see Claman et al). 1991;164:71-2
- Dretchen KL (see Potkul et al). 1991;164:652-8
- Drory Y (see Pines et al). 1991;164:806-12
- Drugan A (see Evans et al). 1991;164:1092-9
- Duff P (see Gibbs and Duff). 1991;164:1317-26 (Curr. dev.)
- Dunn RC, Steinleitner AJ, Lambert H. Synergistic effect of intraperitoneally administered calcium channel blockade and recombinant tissue plasminogen activator to prevent adhesion formation in an animal model. 1991;164:1327-30
- Durán AA (see Vadillo-Ortega et al). 1991;164:664-8
- Dyson DC, Crites YM, Ray DA, Armstrong MA. Prevention

of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring. 1991;164:756-62

E

- Economides DL (see Bernardini et al). 1991;164:1481-90
- Edelman R (see Eschenbach et al). 1991;164:734-42
- Eden RD, Sokol RJ, Sorokin Y, Cook HJ, Sheeran G, Chik L. The mammary stimulation test—A predictor of preterm delivery? 1991;164:1409-19
- Edwards RG (see Rizk et al). 1991;164:161-4
- Egarter C. Methotrexate treatment of ectopic gestation and reproductive outcome. 1991;164:698-9 (Letter)
- Ehrenkranz NJ, Pfaff SJ, Poppe D, Blackwelder WC, Yerg DE, Kaslow RA. Low-risk cesarean section prophylaxis issue still unsettled. 1991;164:233-4 (Letter reply)
- Ehrlich CE (see Sutton et al). 1991;164:1472-81
- Elias S, Annas GJ, Simpson JL. Carrier screening for cystic fibrosis: implications for obstetric and gynecologic practice. 1991;164:1077-83 (Clin. opinion)
- (see Simpson et al). 1991;164:829-36
- Elkins TE (see Rosen et al). 1991;164:825-8
- Ellison PH, Foster M, Sheridan-Pereira M, MacDonald D. Electronic fetal heart monitoring, auscultation, and neonatal outcome. 1991;164:1281-9
- El-Roeiy A, Myers SA, Gleicher N. The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy. 1991;164:1253-61
- Enhorning G (see Moses et al). 1991;164:477-81
- Eronen M, Pesonen E, Kurki T, Ylikorkala O, Hallman M. The effects of indomethacin and a β -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study. 1991;164:141-6
- Eschenbach DA, Nugent RP, Rao AV, Cottch MF, Gibbs RS, Lipscomb KA, Martin DH, Pastorek JG, Rettig PJ, Carey JC, Regan JA, Geromanos KL, Lee MLF, Poole WK, Edelman R. Vaginal Infections and Prematurity Study Group. A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery. 1991;164:734-42
- (see Carey et al). 1991;164:728-33
- (see Landers et al). 1991;164:849-58
- España F, Gilabert J, Aznar J, Estellés A, Kobayashi T, Griffin JH. Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia. 1991;164:1310-6
- Espinosa MI, Parer JT. Mechanisms of asphyxial brain damage, and possible pharmacologic interventions, in the fetus. 1991;164:1582-91
- Estellés A (see España et al). 1991;164:1310-6
- Estreicher S (see Forster et al). 1991;164:234 (Letter)
- Evans MI, Dragan A, Bottoms SF, Platt LD, Rodeck CA, Hansmann M, Fletcher JC. Attitudes on the ethics of abortion, sex selection, and selective pregnancy termination among health care professionals, ethicists, and clergy likely to encounter such situations. 1991;164:1092-9
- (see Bernardini et al). 1991;164:1481-90
- F**
- Fahrenkrug J (see Palle et al). 1991;164:556-8
- Fahs M (see Mandelblatt et al). 1991;164:644-51 (Curr. dev.)
- Fairlie FM, Moretti M, Walker JJ, Sibai BM. Determinants of perinatal outcome in pregnancy-induced hypertension with

- absence of umbilical artery end-diastolic frequencies. 1991;164:1084-9
- Faro S. Antimicrobials in the 1990s: expanded options for effective patient care—introduction. 1991;164:1369
- . Antimicrobials in the 1990s: expanded options for effective patient care—summary. 1991;164:1399-400
- . *Chlamydia trachomatis*: female pelvic infection. 1991;164:1767-70
- . Martens MG, Maccato M, Hammill HA, Roberts S, Riddle G. Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection. 1991;164:1380-3
- (see Martens et al.). 1991;164:1383-6
- (see Pearlman et al.). 1991;164:232-3 (Letter)
- Fedele L (see Candiani et al.). 1991;164:87-90
- (see Parazzini et al.). 1991;164:522-7
- Federici MG (see Rubin et al.). 1991;164:558-63
- Feigenbaum SL, Martin MC, Wilson CB, Jaffe RB. Lymphocytic adenohypophysitis: a pituitary mass lesion occurring in pregnancy. 1991;164:1549-55
- Feldman J (see McCalla et al.). 1991;164:625-30
- Fernhoff P (see Whitehead et al.). 1991;164:1688-9 (Letter)
- Fernö M (see Haadem et al.). 1991;164:609-10
- Finan MA, Mastrogiovanni DS, Spellacy WN. The Allis test for easy cesarean delivery. 1991;164:772-5
- Finkelstein A (see Pines et al.). 1991;164:806-12
- Finstad CL (see Rubin et al.). 1991;164:558-63
- Finucane FF (see Wolf et al.). 1991;164:489-94
- Fiorica JV (see Roberts et al.). 1991;164:1235-8
- Fishburne JI Jr (see Morgan et al.). 1991;164:1021-30
- Fisher RA (see Lawler et al.). 1991;164:1270-7
- Fisk NM (see Parkes et al.). 1991;164:1336-43
- Fisman EZ (see Pines et al.). 1991;164:806-12
- Fleming AD, Salafia CM, Vintzileos AM, Rodis JF, Campbell WA, Bantham K. The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes. 1991;164:38-41
- Fletcher JC (see Evans et al.). 1991;164:1092-9
- Folli MC (see Raboni et al.). 1991;164:237 (Letter)
- Forster GE, Estreich S, Hooi YS. Chlamydial infection and pregnancy outcome. 1991;164:234 (Letter)
- Foster M (see Ellison et al.). 1991;164:1281-9
- Foti E (see Scambia et al.). 1991;164:631-6
- Fouron J-C, Teysseyer G, Maroto E, Lessard M, Marquette G. Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs. 1991;164:195-203
- Franco-Buff A (see McGregor et al.). 1991;164:682-6
- Freeman RK (see Crade et al.). 1991;164:704-5 (Letter)
- (see Pircon et al.). 1991;164:1563-70
- French JI (see McGregor and French). 1991;164:1782-9
- Frenkel LM, Brown ZA, Bryson YJ, Corey L, Unadkat JD, Hensleigh PA, Arvin AM, Prober CG, Connor JD. Pharmacokinetics of acyclovir in the term human pregnancy and neonate. 1991;164:569-76
- Friberg L-G (see Granberg et al.). 1991;164:47-52
- Fried G, Samuelson U. Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels. 1991;164:1330-6
- Friedmann W (see Schäfer et al.). 1991;164:593-9
- Fries J (see Hill et al.). 1991;164:1220-4
- Frigoletto FD Jr (see Bromley et al.). 1991;164:863-7
- Frusca T (see Benigni et al.). 1991;164:844-8
- Fuith LC. High CA 125 levels and spontaneous abortion. 1991;164:236-7 (Letter)
- Fulgham DL (see Cunningham et al.). 1991;164:791-6
- G
- Gabbe SG (see Sonek et al.). 1991;164:1174-80
- Gahl WA (see Bernardini et al.). 1991;164:1481-90
- Gall SA, Constantine L, Koukol D. Therapy of persistent human papillomavirus disease with two different interferon species. 1991;164:130-4
- (see How et al.). 1991;164:92-8
- Gallaspy JW. A method for safer urinary incontinence surgery. 1991;164:1151 (Letter)
- Garcia-Perea A (see Matorras et al.). 1991;164:1152-3 (Letter)
- Garden AS, Griffiths RD, Weindling AM, Martin PA. Fast-scan magnetic resonance imaging in fetal visualization. 1991;164:1190-6
- Garite TJ (see Towers et al.). 1991;164:974-80
- Garsia S (see Candiani et al.). 1991;164:87-90
- Gaspari F (see Benigni et al.). 1991;164:844-8
- Gaziano EP, Knox GE, Bendel RP, Calvin S, Brandt D. Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? 1991;164:1426-33
- Gentry M (see Coulam et al.). 1991;164:1447-52
- Gentry W (see Coulam et al.). 1991;164:1447-52
- Gerhardt KJ (see Graham et al.). 1991;164:1140-4
- Geromanos KL (see Carey et al.). 1991;164:728-33
- (see Eschenbach et al.). 1991;164:734-42
- Ghali FE (see Little et al.). 1991;164:927-30
- Ghirardini G. Embryoscopy: old technique new for the 1990s? 1991;164:1361-2 (Letter)
- Gibbs RS, Duff P. Progress in pathogenesis and management of clinical intraamniotic infection. 1991;164:1317-26 (Curr. dev.)
- (see Carey et al.). 1991;164:728-33
- (see Eschenbach et al.). 1991;164:734-42
- (see Silver and Gibbs). 1991;164:1153 (Letter reply)
- Gilabert J (see España et al.). 1991;164:1310-6
- Gilbert WM, Cheung CY, Brace RA. Rapid intramembranous absorption into the fetal circulation of arginine vasopressin injected intraamniotically. 1991;164:1013-20
- Gilboa Y (see Raziel et al.). 1991;164:616-8
- Glass L (see McCalla et al.). 1991;164:625-30
- Gleicher N (see El-Roeiy et al.). 1991;164:1253-61
- Glezerman M (see Meizner et al.). 1991;164:874-8
- Gluckman PD (see Gunn et al.). 1991;164:210-7
- Gocke SE (see Pircon et al.). 1991;164:1563-70
- Goetsch MF. Vulvar vestibulitis: prevalence and historic features in a general gynecologic practice population. 1991;164:1609-16
- Golan A. Intraumbilical injection of oxytocin. 1991;164:702-3 (Letter reply)
- (see Pansky et al.). 1991;164:888-95 (Curr. dev.)
- Goldfien A (see Hurd et al.). 1991;164:182-7
- Goldkrand J (see Keenan et al.). 1991;164:54-6
- Goldrath M (see Reid et al.). 1991;164:1461-71
- Goldsmith C (see Sellors et al.). 1991;164:113-20
- Goldstein I (see Roberts et al.). 1991;164:821-5
- Gondal J (see Potkul et al.). 1991;164:652-8
- González-Avila G (see Vadillo-Ortega et al.). 1991;164:664-8
- Goodlin RC. Preeclampsia as the great imposter. 1991;164:1577-81
- . Was there really a difference with amnioinfusion? 1991;164:235 (Letter)
- Gorczyca DP (see Lindfors et al.). 1991;164:1571-6

- Gordon JD (*see* Kay et al). 1991;164:80-7
- Gordy LW (*see* Hoffman et al). 1991;164:52-3
- Graffner H (*see* Haadem et al). 1991;164:609-10
- Graham EM, Peters AJM, Abrams RM, Gerhardt KJ, Burchfield DJ. Intraabdominal sound levels during vibroacoustic stimulation. 1991;164:1140-4
- Granberg S, Wiklund M, Karlsson B, Norström A, Friberg L-G. Endometrial thickness as measured by endovaginal ultrasonography for identifying endometrial abnormality. 1991;164:47-52
- Grannum PA (*see* Rotmensch et al). 1991;164:1246-8
- Grant TM (*see* Streissguth et al). 1991;164:1239-43
- Graubard BI (*see* Klebanoff et al). 1991;164:59-63
- Green JR (*see* Landers et al). 1991;164:849-58
- Green L (*see* Summers et al). 1991;164:540-2
- Greenberg LH (*see* Burry et al). 1991;164:1592-6
- Greenberg MD (*see* Reid et al). 1991;164:1461-71
- Greggi S (*see* Scambia et al). 1991;164:631-6
- Griesser H (*see* Dietl et al). 1991;164:702 (Letter)
- Griffin JH (*see* España et al). 1991;164:1310-6
- Griffith CS (*see* Grimes and Griffith). 1991;164:932-3 (Letter reply)
- Griffiths RD (*see* Garden et al). 1991;164:1190-6
- Grimaldi A (*see* Romano et al). 1991;164:482-5
- Grimes DA, Griffith CS. The importance of the postcoital test. 1991;164:932-3 (Letter reply)
- (*see* Sommerville et al). 1991;164:577-8
- Gross TL (*see* Wolfe et al). 1991;164:1306-10
- Groves D (*see* Sellors et al). 1991;164:113-20
- Gudmundsson S, Huhta JC, Wood DC, Tulzer G, Cohen AW, Weiner S. Venous Doppler ultrasonography in the fetus with nonimmune hydrops. 1991;164:33-7
- Guerritore T (*see* Pinto et al). 1991;164:507-13
- Gunn TR, Ball KT, Power GG, Gluckman PD. Factors influencing the initiation of nonshivering thermogenesis. 1991;164:210-7
- , Becroft DMO. Fetal subdural hematoma before labor. 1991;164:934-5 (Letter)
- Guss S (*see* Cox et al). 1991;164:587-90
- H
- Haadem K, Ling L, Fernö M, Graffner H. Estrogen receptors in the external anal sphincter. 1991;164:609-10
- Haber RJ (*see* Speroff et al). 1991;164:165-74 (Curr. dev.)
- Hadders-Algra M (*see* van der Pol et al). 1991;164:121-8
- Hall C (*see* Rotmensch et al). 1991;164:1246-8
- Hallman M (*see* Eronen et al). 1991;164:141-6
- Hamada T (*see* Ishimatsu et al). 1991;164:743-4
- Hammill HA (*see* Faro et al). 1991;164:1380-3
- (*see* Martens et al). 1991;164:1383-6
- (*see* Pearlman et al). 1991;164:232-3 (Letter)
- Hanooka S (*see* Romero et al). 1991;164:859-62
- Hankins GDV, Snyder RR, Yeomans ER. Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants. 1991;164:1261-4
- (*see* Clark et al). 1991;164:883-7
- Hansen HS (*see* Olsen et al). 1991;164:1203-9
- Hansen KA (*see* Cunningham et al). 1991;164:791-6
- Hansmann M (*see* Evans et al). 1991;164:1092-9
- Hanson FW (*see* Lindfors et al). 1991;164:1571-6
- Hanson MA (*see* Parkes et al). 1991;164:1336-43
- Haour F (*see* Monsonego et al). 1991;164:1181-9
- Harlass FE, Brady K, Read JA. Reproducibility of the oral glucose tolerance test in pregnancy. 1991;164:564-8
- Harrison MR (*see* Crombleholme et al). 1991;164:218-30 (Curr. dev.)
- Harstad TH (*see* Little et al). 1991;164:927-30
- Hauth JC (*see* Owen and Hauth). 1991;164:236 (Letter reply)
- (*see* Winkler et al). 1991;164:637-41
- Hawkins JL (*see* Longmire et al). 1991;164:551-6
- Hayashi RH (*see* Barr et al). 1991;164:706-7 (Letter)
- Hazan J, Maag U, Chesseix P. Association between hypothermia and mortality rate of premature infants—revisited. 1991;164:111-2
- Heard MC (*see* Wendel et al). 1991;164:1390-6
- Heilbron DC (*see* Laros et al). 1991;164:1657-65
- Hendrix SL, Sauer HJ. Successful pregnancy in a patient with Hallermann-Streiff syndrome. 1991;164:1102-4
- Henry LC (*see* Stovall et al). 1991;164:1420-5
- Hensleigh PA (*see* Frenkel et al). 1991;164:569-76
- Herndon-Smith L (*see* Young and Herndon-Smith). 1991;164:175-81
- Herrera EH (*see* Summers et al). 1991;164:540-2
- Hershey DW. Cytomegalovirus infection. 1991;164:1687 (Letter)
- Hess LW (*see* Martin et al). 1991;164:1500-13
- Hetman-Peri M (*see* Pines et al). 1991;164:806-12
- Hiatt RA (*see* Petitti et al). 1991;164:801-5
- Higgins M (*see* Wolf et al). 1991;164:489-94
- Higuchi K (*see* Shah et al). 1991;164:1145-50
- Hill LM, Martin JG, Fries J, Hixson J. The role of the transcerbellar view in the detection of fetal central nervous system anomaly. 1991;164:1220-4
- , Rivello D, Peterson C, Marchese S. The transverse cerebellar diameter in the second trimester is unaffected by Down syndrome. 1991;164:101-3
- Hindle WH, Alonso LJ. Conservative management of breast fibroadenomas. 1991;164:1647-51
- Hirata J (*see* Seki et al). 1991;164:1248-52
- Hitschold T (*see* Weiss et al). 1991;164:534-40
- Hixson J (*see* Hill et al). 1991;164:1220-4
- Ho H-N (*see* Ko et al). 1991;164:901-6
- Hobbins JC (*see* Cullen et al). 1991;164:1362 (Letter reply)
- (*see* Roberts et al). 1991;164:821-5
- (*see* Rotmensch et al). 1991;164:1246-8
- Hobel C (*see* Casimir et al). 1991;164:599-603
- Hodgen GD (*see* Oehninger et al). 1991;164:1210-5
- Hoek FJ (*see* Huber et al). 1991;164:1216-9
- Hoffman MS, Gordy LW, Cavanagh D. The use of the Cytobrush cervical sampler in patients with cervical stenosis. 1991;164:52-3
- (*see* Roberts et al). 1991;164:1235-8
- Hofmann GE (*see* Bergth et al). 1991;164:1127-31
- Holden AEC (*see* Shain et al). 1991;164:763-71
- Holm BA (*see* Moses et al). 1991;164:477-81
- Holmes KK (*see* Landers et al). 1991;164:849-58
- Homesley HD, Bundy BN, Sedlis A, Yordan E, Berek JS, Jahshan A, Mortel R. Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study). 1991;164:997-1004
- Hooi YS (*see* Forster et al). 1991;164:234 (Letter)
- Hopkins MP, Morley GW. Stage IB squamous cell cancer of the cervix: clinicopathologic features related to survival. 1991;164:1520-9
- Horny H-P (*see* Dietl et al). 1991;164:702 (Letter)
- Hoshiba T (*see* Yabuki et al). 1991;164:7-14 (Clin. opinion)
- Hoskins WJ (*see* Rubin et al). 1991;164:558-63
- How HY, Bergmann F, Koshy M, Chediak J, Presperin C, Gall

- SA. Quantitative and qualitative platelet abnormalities during pregnancy. 1991;164:92-8
- Hsieh C-Y (see Ko et al.). 1991;164:901-6
- Hsieh F-J (see Ko et al.). 1991;164:901-6
- Hsu YC (see Romero et al.). 1991;164:859-62
- Huber MGP, Wildschut HJJ, Boer K, Kleiverda G, Hoek FJ. Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? 1991;164:1216-9
- Hughes CL (see Stout et al.). 1991;164:73-9
- Huhta JC (see Gudmundsson et al.). 1991;164:33-7
- Huisjes HJ (see van der Pol et al.). 1991;164:121-8
- Hulsey TC, Levkoff AH, Alexander GR. Birth weights of infants of black and white mothers without pregnancy complications. 1991;164:1299-302
- Hunter B (see Sellors et al.). 1991;164:113-20
- Hurd WW, Robertson PA, Riemer RK, Goldfien A, Roberts JM. Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus. 1991;164:182-7
- Husain M (see Reid et al.). 1991;164:1461-71
- Hustin J (see Jauniaux et al.). 1991;164:486-8
- I
- Iams JD (see Sonek et al.). 1991;164:1174-80
- Ianniello MJ (see Parikh et al.). 1991;164:128-9
- Ikegami M (see Tabor et al.). 1991;164:675-81
- Ilani Y, Oren R, Shouval D. Budd-Chiari syndrome, obstetric complications, and antiphospholipid antibodies. 1991;164:235 (Letter reply)
- Inagami T (see Shah et al.). 1991;164:1145-50
- Irvine DS (see Aitken et al.). 1991;164:542-51
- Ishimatsu J, Yoshimura O, Tetsuou M, Hamada T. Evaluation of an aneurysm of the vein of Galen in utero by pulsed and color Doppler ultrasonography. 1991;164:743-4
- Israel L (see Monsonego et al.). 1991;164:1181-9
- J
- Jacquemyn Y, Buytaert P. Dilatation despite cervical cerclage: a diagnostic pitfall. 1991;164:1686-7 (Letter)
- Jaffe R, Warsof SL. Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy. 1991;164:781-5
- Jaffe RB (see Feigenbaum et al.). 1991;164:1549-55
- Jahshan A (see Homesley et al.). 1991;164:997-1004
- Jannini EA (see Romano et al.). 1991;164:482-5
- Jauniaux E, Jurkovic D, Campbell S, Kurjak A, Hustin J. Investigation of placental circulations by color Doppler ultrasonography. 1991;164:486-8
- Jensen B (see Olsen et al.). 1991;164:1203-9
- Jenson AB (see Reid et al.). 1991;164:1461-71
- Jimenez C (see Romero et al.). 1991;164:859-62
- Jobe AH (see Tabor et al.). 1991;164:675-81
- Johnson JV (see Schenken et al.). 1991;164:1031-7
- Johnson JWC, Richards DS. Definition of fetal asphyxia (1990;163:1364) (Letter reply). 1991;164:1359 (Correction)
- Johnson RB. The role of azalide antibiotics in the treatment of chlamydia. 1991;164:1794-6
- Johnson TRB (see Besinger et al.). 1991;164:981-8
- Jones JS, Newman RB, Miller MC. Cross-sectional analysis of triple birth weight. 1991;164:135-40
- Jones MM (see Longmire et al.). 1991;164:551-6
- Jones MT (see Owiny et al.). 1991;164:658-63
- Jones RB. New treatments for *Chlamydia trachomatis*. 1991;164:1789-93
- Joseph GF Jr, Stedman CM, Robichaux AG. Vaginal birth after cesarean section: the impact of patient resistance to a trial of labor. 1991;164:1441-7
- Jovanovic-Peterson L, Peterson CM, Reed GF, Metzger BE, Mills JL, Knopp RH, Aarons JH, National Institute of Child Health and Human Development—Diabetes in Early Pregnancy Study. Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study. 1991;164:103-11
- Joyce TH III (see Longmire et al.). 1991;164:551-6
- Jurkovic D (see Jauniaux et al.). 1991;164:486-8
- K
- Kabelitz D (see Dietl et al.). 1991;164:702 (Letter)
- Kaiserling E (see Dietl et al.). 1991;164:702 (Letter)
- Kaldi K (see Berek et al.). 1991;164:1038-43
- Kalo-Klein A, Witkin SS. Regulation of the immune response to *Candida albicans* by monocytes and progesterone. 1991;164:1351-4
- (see Witkin and Kalo-Klein). 1991;164:917-20
- Kalsbeek WD (see Peoples-Sheps et al.). 1991;164:514-21
- Kalstone C. Successful antepartum treatment of listeriosis. 1991;164:57-8
- Kamel A (see Berchuck et al.). 1991;164:669-74
- Kaminiakas CM (see Towers et al.). 1991;164:974-80
- Kao S-M (see Pao et al.). 1991;164:1295-9
- Karlsson B (see Granberg et al.). 1991;164:47-52
- Kashgarian M (see Parikh et al.). 1991;164:128-9
- Kaslow RA (see Ehrenkranz et al.). 1991;164:233-4 (Letter reply)
- Katz M (see Creasy and Katz). 1991;164:700-1 (Letter reply)
- (see Meizner et al.). 1991;164:874-8
- (see Takahashi et al.). 1991;164:1115-8
- Katz VL, Blanchard GF Jr, Watson WJ, Miller RC, Chescheir NC, Thorp JM Jr. The clinical implications of subchorionic placental luencies. 1991;164:99-100
- (see Watson et al.). 1991;164:64-5
- Kay HH, Gordon JD, Ribeiro AA, Spicer LD. Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts. 1991;164:80-7
- (see Wang et al.). 1991;164:812-8
- Keefe DL, Michelson DS, Lee SH, Naftolin F. Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat. 1991;164:959-66
- Keenan KL, Basso D, Goldkrand J, Butler WJ. Low level of maternal serum α -fetoprotein: its associated anxiety and the effects of genetic counseling. 1991;164:54-6
- Kell PD, Barton SE. Unraveling the mysteries of vulval ulceration in human immunodeficiency virus-seropositive women. 1991;164:935 (Letter)
- Keller MS (see Rotmansch et al.). 1991;164:1246-8
- Kelton JG (see Burrows and Kelton). 1991;164:1362-3 (Letter reply)
- Ketelslegers JM (see Raboni et al.). 1991;164:237 (Letter)
- Keyes WG (see Besinger et al.). 1991;164:981-8
- Kieren DK (see Cumming et al.). 1991;164:472-6 (Clin. opinion)
- Killam AP (see Wang et al.). 1991;164:812-8
- Kimball AW (see Burkman et al.). 1991;164:1453-60
- King GE (see Syverson et al.). 1991;164:603-8
- Kinney RB (see Berchuck et al.). 1991;164:15-21
- Kirk EP. Organ transplantation and pregnancy. 1991;164:1629-34

- Kirshon B, Rosenfeld B, Mari G, Belfort M. Amniotic fluid glucose and intraamniotic infection. 1991;164:818-20
- Kitamura S (see Yabuki et al). 1991;164:7-14 (Clin. opinion)
- Kitterman JA (see Laros et al). 1991;164:1657-65
- Kiviat N (see Landers et al). 1991;164:849-58
- Klebanoff MA, Shiono PH, Selby JV, Trachtenberg AI, Graubard BI. Anemia and spontaneous preterm birth. 1991;164:59-63
- Kleinman JC (see Wolf et al). 1991;164:489-94
- Kleiverda G (see Huber et al). 1991;164:1216-9
- Kletzky O (see Davajan et al). 1991;164:1666-72
- Kniss DA (see Soncik et al). 1991;164:1174-80
- Knoll KA (see Little et al). 1991;164:927-30
- Knopp RH (see Jovanovic-Peterson et al). 1991;164:103-11
- Knox GE (see Gaziano et al). 1991;164:1426-33
- Knox RM (see Berek et al). 1991;164:1038-43
- Ko T-M, Hsieh C-Y, Ho H-N, Hsieh F-J, Lee T-Y. Restriction fragment length polymorphism analysis to study the genetic origin of complete hydatidiform mole. 1991;164:901-6
- Kobayashi T (see España et al). 1991;164:1310-6
- Koch MA (see Schäfer et al). 1991;164:593-9
- Kool MJ. Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. 1991;164:701-2 (Letter)
- Koonings PP (see Sommerville et al). 1991;164:577-8
- Koshy M (see How et al). 1991;164:92-8
- Koukol D (see Gall et al). 1991;164:130-4
- Koulianis GT (see Witt et al). 1991;164:1225-8
- Kouyoumdjian J-C (see Monsonego et al). 1991;164:1181-9
- Kovilam OP (see Baxi et al). 1991;164:778-80
- Kramer MS (see McLean et al). 1991;164:619-24
- Krane NK (see Uribe et al). 1991;164:568-9
- Kridgen P (see Caritis et al). 1991;164:1005-12
- Kronborg H (see Trolle et al). 1991;164:1277-81
- Kruger TF (see Oehninger et al). 1991;164:1210-5
- Krumholz BA. Koch's postulates: Revisited or revised? 1991;164:704 (Letter)
- Kuller JA. Rh immune globulin prophylaxis for threatened abortions. 1991;164:703 (Letter)
- Kurata T (see Moroi et al). 1991;164:1107-8
- Kurjak A (see Jauniaux et al). 1991;164:486-8
- Kurki T (see Eronen et al). 1991;164:141-6
- Kurman RJ (see Tyler et al). 1991;164:65-70
- Kuss E. hCG or β -hCG or hCG β -subunit or hCG + hCG β -subunit? 1991;164:1689 (Letter)
- L**
- Lagrew DC (see Pircon et al). 1991;164:1563-70
- Lambert H (see Dunn et al). 1991;164:1327-30
- (— see Steinleitner et al). 1991;164:949-52
- Landers DV, Wolner-Hanssen P, Paavonen J, Thorpe E, Kiviat N, Ohm-Smith M, Green JR, Schachter J, Holmes KK, Eschenbach DA, Sweet RL. Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease. 1991;164:849-58
- (— see Reed et al). 1991;164:1556-62
- Langer JC (see Crombleholme et al). 1991;164:218-30 (Curr. dev.)
- LaPolla JP (see Roberts et al). 1991;164:1235-8
- Laros RK Jr, Kitterman JA, Heilbron DC, Cowan RM, Tooley WH. Outcome of very-low-birth-weight infants exposed to β -sympathomimetics in utero. 1991;164:1657-65
- La Vecchia C (see Parazzini et al). 1991;164:522-7
- Laverty CR (see Reid et al). 1991;164:1461-71
- Lavy G (see Parikh et al). 1991;164:128-9
- Lawellin D (see McGregor et al). 1991;164:682-6
- Lawler SD, Fisher RA, Denz J. A prospective genetic study of complete and partial hydatidiform moles. 1991;164:1270-7
- Leblanc E (see Querleu et al). 1991;164:579-81
- Leduc L (see Longmire et al). 1991;164:551-6
- Lee CC (see Pao et al). 1991;164:1295-9
- Lee GF. Alternative liability insurance: a physician-owned captive insurance company. 1991;164:1680-5
- Lee MLF (see Carey et al). 1991;164:728-33
- (— see Eschenbach et al). 1991;164:734-42
- Lee NC (see Tyler et al). 1991;164:65-70
- Lee SH (see Keefe et al). 1991;164:959-66
- Lee T-Y (see Ko et al). 1991;164:901-6
- Lee W (see Clark et al). 1991;164:883-7
- Lessard M (see Fouron et al). 1991;164:195-203
- Levkoff AH (see Hulsey et al). 1991;164:1299-302
- Levy O (see Pines et al). 1991;164:806-12
- Levy A (see Meizner et al). 1991;164:874-8
- Levy DL. Fetal-neonatal thrombocytopenia: Mode of delivery? 1991;164:1362 (Letter)
- Lewis DE (see Strong et al). 1991;164:1233-4
- Lewis JF (see Tabor et al). 1991;164:675-81
- Lewis JL Jr (see Rubin et al). 1991;164:558-63
- Lidor A (see Pines et al). 1991;164:806-12
- Lilford RJ (see Thornton et al). 1991;164:154-60
- Lin C-C, Su S-J, River LP. Comparison of associated high-risk factors and perinatal outcome between symmetric and asymmetric fetal intrauterine growth retardation. 1991;164:1535-42
- Lindfors KK, Gorczyca DP, Hanson FW, Tennant FR, McGahan JP, Peterson AG. The roles of ultrasonography and amniocentesis in evaluation of elevated maternal serum α -fetoprotein. 1991;164:1571-6
- Ling FW (see Stovall et al). 1991;164:231 (Letter reply)
- (— see Stovall et al). 1991;164:699-700 (Letter reply)
- (— see Stovall et al). 1991;164:1420-5
- Ling L (see Haadem et al). 1991;164:609-10
- Link JS (see Pillsbury et al). 1991;164:1643-6
- Lipscomb KA (see Carey et al). 1991;164:728-33
- (— see Eschenbach et al). 1991;164:734-42
- Little BB, Harstad TH, Bawdon RE, Sobhi S, Roe DA, Knoll KA, Ghali FE. Pharmacokinetics of pentamidine in Sprague-Dawley rats in late pregnancy. 1991;164:927-30
- Liu M (see Moses et al). 1991;164:477-81
- Lloyd KO (see Rubin et al). 1991;164:558-63
- Longmire S, Leduc L, Jones MM, Hawkins JL, Joyce TH III, Cotton DB. The hemodynamic effects of intubation during nitroglycerin infusion in severe preeclampsia. 1991;164:551-6
- Look KY (see Sutton et al). 1991;164:1472-81
- Lorimer SM (see Quinonez et al). 1991;164:90-2
- Lorincz A (see Reid et al). 1991;164:1461-71
- Low JA. The current status of maternal and fetal blood flow velocimetry. 1991;164:1049-63
- Lurain JR, Casanova LA, Miller DS, Rademaker AW. Prognostic factors in gestational trophoblastic tumors: a proposed new scoring system based on multivariate analysis. 1991;164:611-6
- Luxton MC (see Ramasubramanian et al). 1991;164:1151-2 (Letter)
- M**
- Maag U (see Hazan et al). 1991;164:111-2
- Maccato M (see Faro et al). 1991;164:1380-3

- (see Martens et al.). 1991;164:1383-6
— (see Pearlman et al.). 1991;164:232-3 (Letter)
MacDonald D (see Ellison et al.). 1991;164:1281-9
Maclin VM (see Davies and Maclin). 1991;164:495-6
MacMahon W (see Whitehead et al.). 1991;164:1688-9 (Letter)
Madans JH (see Wolf et al.). 1991;164:489-94
Maharry JM. The issue of animal rights and human rights. 1991;164:1543-8 (Pres. address)
Maher TA (see Milunsky et al.). 1991;164:751-5
Mahony J (see Sellors et al.). 1991;164:113-20
Makimura N (see Seki et al.). 1991;164:1248-52
Makovitz JW (see Wallenburg et al.). 1991;164:1169-73
Malinak LR. Winter hath hope of spring. 1991;164:1401-8 (Pres. address)
Manabe Y, Yoshida Y. Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery (1990;163:52-6). 1991;164:707 (Correction)
Mancuso S (see Scambia et al.). 1991;164:631-6
Mandelblatt J, Schechter C, Fahs M, Muller C. Clinical implications of screening for cervical cancer under Medicare. 1991;164:644-51 (Curr. dev.)
Mander R (see Sellors et al.). 1991;164:113-20
Marchese S (see Hill et al.). 1991;164:101-3
Marcus B (see Takahashi et al.). 1991;164:1115-8
Maresh AJ (see Meizner et al.). 1991;164:874-8
Mari G, Wasserstrum N. Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant. 1991;164:776-8
— (see Kirshon et al.). 1991;164:818-20
Mark C III (see Neilson et al.). 1991;164:1673-9
Maroto E (see Fouron et al.). 1991;164:195-203
Marquette G (see Fouron et al.). 1991;164:195-203
Marrs RP. The use of potassium-titanyl-phosphate laser for laparoscopic removal of ovarian endometrioma. 1991;164:1622-8
Marslew U, Riis BJ, Christiansen C. Bleeding patterns during continuous combined estrogen-progestogen therapy. 1991;164:1163-8
Martens MG, Faro S, Maccato M, Riddle G, Hammill HA. Susceptibility of female pelvic pathogens to oral antibiotic agents in patients who develop postpartum endometritis. 1991;164:1383-6
— (see Faro et al.). 1991;164:1380-3
Martier SS (see Wolfe et al.). 1991;164:1306-10
Martin DH (see Carey et al.). 1991;164:728-33
— (see Eschenbach et al.). 1991;164:734-42
Martin JC (see Streissguth et al.). 1991;164:1239-43
Martin JG (see Hill et al.). 1991;164:1220-4
Martin JN Jr, Blake PG, Perry KG Jr, McCaul JF, Hess LW, Martin RW. The natural history of HELLP syndrome: patterns of disease progression and regression. 1991;164:1500-13
Martin MC (see Feigenbaum et al.). 1991;164:1549-55
Martin PA (see Garden et al.). 1991;164:1190-6
Martin RW (see Martin et al.). 1991;164:1500-13
Martinelli P (see Pinto et al.). 1991;164:507-13
Martinez-Maza O (see Berek et al.). 1991;164:1038-43
Marzusch K (see Dietl et al.). 1991;164:702 (Letter)
Mason BA (see Rizk et al.). 1991;164:161-4
Mason R (see Cox et al.). 1991;164:587-90
Massman A (see Owiny et al.). 1991;164:658-63
Mastrogianis DS (see Finan et al.). 1991;164:772-5
Matorras R, Ariceta JM, Rementeria A, Corral J, de Terán GG, Diez J, Montoya F, Rodriguez-Escudero FJ. Human immunodeficiency virus-induced immunosuppression: a risk factor for human papillomavirus infection. 1991;164:42-4
—, Garcia-Perea A, Usandizaga JA, Omeñaca F. Group B streptococcal disease. 1991;164:1152-3 (Letter)
Matteson MA (see Carey et al.). 1991;164:728-33
Maulik D, Yarlagadda P, Youngblood JP, Ciston P. Comparative efficacy of umbilical arterial Doppler indices for predicting adverse perinatal outcome. 1991;164:1434-40
Mayock DE (see Streissguth et al.). 1991;164:1239-43
Mazor M (see Romero et al.). 1991;164:859-62
McCalla S, Minkoff HL, Feldman J, Delke I, Salwin M, Valencia G, Glass L. The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study. 1991;164:625-30
McCart DF (see Strong et al.). 1991;164:1233-4
McCarthy S (see Rotmensch et al.). 1991;164:1246-8
McCaul JF (see Martin et al.). 1991;164:1500-13
McCormack WM (see Covino and McCormack). 1991;164:935-6 (Letter reply)
McGahan JP (see Lindfors et al.). 1991;164:1571-6
McGregor AM (see Thorpe-Beeston et al.). 1991;164:1244-5
McGregor JA, French JL. *Chlamydia trachomatis* infection during pregnancy. 1991;164:1782-9
—, Lawellin D, Franco-Buff A, Todd JK. Phospholipase C activity in microorganisms associated with reproductive tract infection. 1991;164:682-6
McLean FH, Boyd ME, Usher RH, Kramer MS. Postterm infants: Too big or too small? 1991;164:619-24
McNeeley SG Jr (see Rosen et al.). 1991;164:825-8
Mead PB (see Catalano et al.). 1991;164:1303-6
Medearis AL (see Platt et al.). 1991;164:1652-6
Meizner I. Nonimmune hydrops in fetal Niemann-Pick disease. 1991;164:232 (Letter reply)
—, Levy A, Katz M, Maresh AJ, Glezman M. Fetal ovarian cysts: prenatal ultrasonographic detection and postnatal evaluation and treatment. 1991;164:874-8
Menczer J (see Schiff et al.). 1991;164:1689 (Letter reply)
Merialdi A (see Raboni et al.). 1991;164:237 (Letter)
Merkatz IR (see Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)
Merkatz RB, Merkatz IR. The contributions of the nurse and the machine in home uterine activity monitoring systems. 1991;164:1159-62 (Clin. opinion)
Merkouris RW, Miller FC, Catanzarite V, Quirk JG Jr, Rigg LA, Vesely DL. The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia. 1991;164:1197-202
Merritt AO (see Catalano et al.). 1991;164:1303-6
Metzger BE (see Jovanovic-Peterson et al.). 1991;164:103-11
Michelson DS (see Keefe et al.). 1991;164:959-66
Mielke M (see Schäfer et al.). 1991;164:593-9
Mikhail MS, Romney SL. Computerized digital colposcopy. 1991;164:1364 (Letter)
Miles R (see Witt et al.). 1991;164:1225-8
Miller DS (see Lurain et al.). 1991;164:611-6
Miller FC (see Merkouris et al.). 1991;164:1197-202
Miller MC (see Jones et al.). 1991;164:135-40
Miller RC (see Katz et al.). 1991;164:99-100
Miller WB (see Shain et al.). 1991;164:763-71
Mills JL (see Jovanovic-Peterson et al.). 1991;164:103-11
Milson I, Andersson K, Andersch B, Rybo G. A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-re-

- leasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia. 1991;164:879-83
- Milunsky A, Skare JC, Milunsky JM, Maher TA, Amos JA. Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes. 1991;164:751-5
- Milunsky JM (see Milunsky et al). 1991;164:751-5
- Mimouni F (see Bendon et al). 1991;164:582-6
- Minakami H, Takahashi T, Tamada T. Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? 1991;164:1690-1 (Letter)
- Minkoff HL (see McCalla et al). 1991;164:625-30
- Miodovnik M (see Bendon et al). 1991;164:582-6
- Miranda L (see Pinto et al). 1991;164:507-13
- Miser MR (see Sutton et al). 1991;164:1472-81
- Mitha AS (see Naidoo et al). 1991;164:530-3
- Mitsui C (see Seki et al). 1991;164:1248-52
- Mohajer M (see Ramasubramanian et al). 1991;164:1151-2 (Letter)
- Möller M (see Trolle et al). 1991;164:1277-81
- Monahan DJ (see Choi et al). 1991;164:693-7
- Monsego J, Destable M-D, De Saint Florent G, Amouroux J, Kouyoumdjian J-C, Haour F, Breau J-L, Israel L, Comaru-Schally A-M, Schally AV. Fibrocystic disease of the breast in premenopausal women: histohormonal correlation and response to luteinizing hormone-releasing hormone analog treatment. 1991;164:1181-9
- Monteagudo A (see Timor-Tritsch et al). 1991;164:497-503
- Montoya F (see Matorras et al). 1991;164:42-4
- Montoya I (see Olive et al). 1991;164:953-8
- Moodley J (see Naidoo et al). 1991;164:530-3
- Moore DR (see Parkes et al). 1991;164:1336-43
- Moore L (see Streissguth et al). 1991;164:1239-43
- Moore PJ (see Parkes et al). 1991;164:1336-43
- Moore TR (see Brace and Moore). 1991;164:907-16
- Morcos S (see Rizk et al). 1991;164:161-4
- Moretti M (see Fairlie et al). 1991;164:1084-9
- Morgan CD (see Simpson et al). 1991;164:829-36
- Morgan MA, Silavin SL, Randolph M, Payne GG Jr, Sheldon RE, Fishburne JJ Jr, Wentworth RA, Nathanielsz PW. Effect of intravenous cocaine on uterine blood flow in the gravid baboon. 1991;164:1021-30
- Morley GW (see Hopkins and Morley). 1991;164:1520-9
- Moroi K, Saito S, Kurata T, Sata T, Yanagida M. Fetal death associated with measles virus infection of the placenta. 1991;164:1107-8
- Mortel R (see Homesley et al). 1991;164:997-1004
- Moses D, Holm BA, Spitalte P, Liu M, Enhorning G. Inhibition of pulmonary surfactant function by meconium. 1991;164:477-81
- Moshkowitz M (see Pines et al). 1991;164:806-12
- Muasher SJ (see Oehninger et al). 1991;164:1210-5
- Mueller EA (see Strong et al). 1991;164:1233-4
- Muller C (see Mandelblatt et al). 1991;164:644-51 (Curr. dev.)
- Murphy AA, Zucar HA, Charache P, Burkman RT. The effect of tetracycline on levels of oral contraceptives. 1991;164:28-33
- Muse KN (see Sharpe et al). 1991;164:187-94
- Myatt L, Brewer A, Brockman DE. The action of nitric oxide in the perfused human fetal-placental circulation. 1991;164:687-92
- Myers SA. Fetal subdural hematoma before labor. 1991;164:935 (Letter reply)
- (see El-Roeiy et al). 1991;164:1253-61
- Myers T (see Owiny et al). 1991;164:658-63
- N
- Naftolin F (see Keefe et al). 1991;164:959-66
- Nagata I (see Seki et al). 1991;164:1248-52
- Nageotte MP (see Towers et al). 1991;164:974-80
- Naidoo SJ (see Sahakian et al). 1991;164:1090-1
- Naidoo DP, Bhorat I, Moodley J, Naidoo JK, Mitha AS. Continuous electrocardiographic monitoring in hypertensive crises in pregnancy. 1991;164:530-3
- Naidoo JK (see Naidoo et al). 1991;164:530-3
- Narod SA, de Sanjose S, Victora C. Coffee during pregnancy: A reproductive hazard? 1991;164:1109-14 (Curr. dev.)
- Nathanielsz PW (see Morgan et al). 1991;164:1021-30
- (see Owiny et al). 1991;164:658-63
- National Institute of Child Health and Human Development-Diabetes in Early Pregnancy Study (see Jovanovic-Peterson et al). 1991;164:103-11
- Negri E (see Parazzini et al). 1991;164:522-7
- Neilson DR Jr, Bolton RN, Prins RP, Mark C III. Glucose challenge testing in pregnancy. 1991;164:1673-9
- Nelson SH, Suresh MS. Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients. 1991;164:1344-50
- Nettlemann MD, Bell TA. Cost-effectiveness of prenatal testing for *Chlamydia trachomatis*. 1991;164:1289-94
- Newcombe RG (see Thornton et al). 1991;164:154-60
- Newman ED (see Taylor et al). 1991;164:204-10
- Newman RB (see Jones et al). 1991;164:135-40
- Newman V (see Abrams and Newman). 1991;164:785-90
- Nichols DH. Fertility retention in the patient with genital pro-lapse. 1991;164:1155-8 (Clin. opinion)
- . Posterior colporrhaphy and perineorrhaphy: separate and distinct operations. 1991;164:714-21 (Clin. opinion)
- Nicolaidis KH (see Bernardini et al). 1991;164:1481-90
- (see Thorpe-Beeston et al). 1991;164:1244-5
- Niebyl JR (see Besinger et al). 1991;164:981-8
- Nieminan P, Soares VRX, Aho M, Vesterinen E, Savia E, Väheri A, Paavonen J. Cervical human papillomavirus deoxyribonucleic acid and cytologic evaluations in gynecologic outpatients. 1991;164:1265-9
- Nishimoto H (see Yabuki et al). 1991;164:7-14 (Clin. opinion)
- Niv D (see Pauzner et al). 1991;164:152-3
- Nobles BJ (see Wendel et al). 1991;164:1390-6
- Nores JA (see Romero et al). 1991;164:859-62
- (see Rotmansch et al). 1991;164:1246-8
- Norström A (see Granberg et al). 1991;164:47-52
- Novy MJ. Transabdominal cervicoisthmus cerclage: a reappraisal 25 years after its introduction. 1991;164:1635-42
- Nugent CE (see Barr et al). 1991;164:706-7 (Letter)
- Nugent RP (see Carey et al). 1991;164:728-33
- (see Eschenbach et al). 1991;164:734-42
- O
- O'Brien PC (see Stanhope et al). 1991;164:1513-9
- Ochiai K (see Tabei et al). 1991;164:896-900
- Oehninger S, Acosta AA, Veek LL, Brzyski R, Kruger TF, Muasher SJ, Hodgen GD. Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects. 1991;164:1210-5
- Ohm-Smith M (see Landers et al). 1991;164:849-58
- Olive DL, Montoya I, Riehl RM, Schenken RS. Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro. 1991;164:953-8

- Olivieri M (see Romano et al.). 1991;164:482-5
- Olsen SF, Hansen HS, Sommer S, Jensen B, Sørensen TIA, Secher NJ, Zachariassen P. Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark. 1991;164:1203-9
- Omeñaca F (see Matorras et al.). 1991;164:1152-3 (Letter)
- Oosterhuis JW (see van der Zee et al.). 1991;164:504-6
- O'Quinn AG (see Summers et al.). 1991;164:540-2
- Oren R (see Ilan et al.). 1991;164:235 (Letter reply)
- Orisio S (see Benigni et al.). 1991;164:844-8
- Orizaga M (see Claman et al.). 1991;164:71-2
- Orvieto R, Achiron A, Achiron R. Intravenous immunoglobulin treatment of recurrent pregnancy loss and antiphospholipid antibodies. 1991;164:1687-8 (Letter)
- Osteen KG (see Shah et al.). 1991;164:1145-50
- Ottesen B (see Palle et al.). 1991;164:556-8
- Owen J, Hauth JC. Was there really a difference with amnioinfusion? 1991;164:236 (Letter reply)
— (see Winkler et al.). 1991;164:637-41
- Owiny JR, Jones MT, Sadowsky D, Myers T, Massman A, Nathanielsz PW. Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes. 1991;164:658-63
- P
- Paavonen J (see Landers et al.). 1991;164:849-58
— (see Nieminen et al.). 1991;164:1265-9
- Palle C, Bredkjær HE, Fahrenkrug J, Ottesen B. Vasoactive intestinal polypeptide loses its ability to increase vaginal blood flow after menopause. 1991;164:556-8
- Panici PB (see Scambia et al.). 1991;164:631-6
- Pansky M, Golan A, Bukovsky I, Caspi E. Nonsurgical management of tubal pregnancy. 1991;164:888-95 (Curr. rev.)
- Pao CC, Kao S-M, Wang H-C, Lee CC. Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction. 1991;164:1295-9
- Papiernik E (see Casimiri et al.). 1991;164:599-603
- Paraskevas MP (see Quinonez et al.). 1991;164:90-2
- Parazzini F, La Vecchia C, Negri E, Fedele L, Balotta F. Reproductive factors and risk of endometrial cancer. 1991;164:522-7
- Parer JT (see Espinoza and Parer). 1991;164:1582-91
- Parikh FR, Iannielo MJ, Kashgarian M, DeCherney AH, Lavy G. Multinuclear spermatozoa associated with polyploidy. 1991;164:128-9
- Paris AL (see Tyler et al.). 1991;164:65-70
- Park GD (see Strong et al.). 1991;164:1233-4
- Parkes MJ, Moore PJ, Moore DR, Fisk NM, Hanson MA. Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation. 1991;164:1336-43
- Parvez H (see Casimiri et al.). 1991;164:599-603
- Parvez S (see Casimiri et al.). 1991;164:599-603
- Pastorek JG (see Carey et al.). 1991;164:728-33
— (see Eschenbach et al.). 1991;164:734-42
- Patton PE (see Burry et al.). 1991;164:1592-6
- Paul RH (see Strong et al.). 1991;164:1233-4
- Pauzner D, Wolman I, Niv D, Ber A, David MP. Endoscopic sclerotherapy in extrahepatic portal hypertension in pregnancy. 1991;164:152-3
- Payne GG Jr (see Morgan et al.). 1991;164:1021-30
- Pearlman M, Faro S, Hammill H, Maccato M. Low-risk cesarean section prophylaxis issue still unsettled. 1991;164:232-3 (Letter)
- Peeters LLH (see Boekkooi et al.). 1991;164:921-6
- Peoples-Sheps MD, Kalsbeek WD, Siegel E, Dewees C, Rogers M, Schwartz R. Prenatal records: a national survey of content. 1991;164:514-21
- Pepe M (see Romano et al.). 1991;164:482-5
- Perry KG Jr (see Martin et al.). 1991;164:1500-13
- Pesonen E (see Eronen et al.). 1991;164:141-6
- Peters AJM, Coulam CB. Hysterosalpingography with color Doppler ultrasonography. 1991;164:1530-4
— (see Coulam et al.). 1991;164:1447-52
— (see Graham et al.). 1991;164:1140-4
- Peterson AG (see Lindfors et al.). 1991;164:1571-6
- Peterson C (see Hill et al.). 1991;164:101-3
- Peterson CM (see Jovanovic-Peterson et al.). 1991;164:103-11
- Pettitt DB, Croughan-Minhane MS, Hiatt RA. Weight gain by gestational age in both black and white women delivered of normal-birth-weight and low-birth-weight infants. 1991;164:801-5
- Petrie RH (see Shyken et al.). 1991;164:1360-1 (Letter reply)
- Pfaff SJ (see Ehrenkranz et al.). 1991;164:233-4 (Letter reply)
- Phelan JP (see Clark et al.). 1991;164:883-7
- Phillipou G. Effect of subject height on the result for the fifty-gram oral glucose tolerance test. 1991;164:698 (Letter)
- Pillsbury SG Jr, Link JS, Roux S. Improved mammographic accuracy. 1991;164:1643-6
- Pines A, Fisman EZ, Levo Y, Averbuch M, Lidor A, Drory Y, Finkelstein A, Hetman-Peri M, Moshkowitz M, Ben-Ari E, Ayalon D. The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow. 1991;164:806-12
- Pinto A, Sorrentino R, Sorrentino P, Guerritore T, Miranda L, Biondi A, Martinelli P. Endothelial-derived relaxing factor released by endothelial cells of human umbilical vessels and its impairment in pregnancy-induced hypertension. 1991;164:507-13
- Pircon RA, Lagrew DC, Towers CV, Dorchester WL, Gocke SE, Freeman RK. Antepartum testing in the hypertensive patient: when to begin. 1991;164:1563-70
- Pitkin RM. Screening and detection of congenital malformation. 1991;164:1045-8
- Pivarnik JM (see Clark et al.). 1991;164:883-7
- Platt LD, Carlson DE, Medearis AL, Walla CA. Fetal choroid plexus cysts in the second trimester of pregnancy: a cause for concern. 1991;164:1652-6
— (see Evans et al.). 1991;164:1092-9
- Poole WK (see Eschenbach et al.). 1991;164:734-42
- Poppe D (see Ehrenkranz et al.). 1991;164:233-4 (Letter reply)
- Porto AGM. Prevalence of acquired immunodeficiency syndrome detected during prenatal care of population of low socioeconomic status. 1991;164:705-6 (Letter)
- Potkul RK, Gondal J, Bitterman P, Dretchen KL, Rahman A. Toxicities in rats with free versus liposomal encapsulated cisplatin. 1991;164:652-8
- Power GG (see Gunn et al.). 1991;164:210-7
- Powers RD. New directions in the diagnosis and therapy of urinary tract infections. 1991;164:1387-9
- Presperin C (see How et al.). 1991;164:92-8
- Pridjian GC (see Barr et al.). 1991;164:706-7 (Letter)
- Priest J (see Whitehead et al.). 1991;164:1688-9 (Letter)
- Prins RP (see Neilson et al.). 1991;164:1673-9
- Prober CG (see Frenkel et al.). 1991;164:569-76
- Provencal D (see Rubin et al.). 1991;164:558-63
- Q
- Querleu D, Leblanc E, Castelain B. Laparoscopic pelvic

- Lymphadenectomy in the staging of early carcinoma of the cervix.** 1991;164:579-81
- Quinonez GE, Paraskevas MP, Dioceo MS, Lorimer SM.** Angiosarcoma of the uterus: a case report. 1991;164:90-2
- Quirk JG Jr (see Merkouris et al).** 1991;164:1197-202
- R**
- Raboni S, Folli MC, Bresciani D, Bacchi Modena A, Merialdi A, Berbinschi A, Ketelslegers JM.** Amniotic endothelin increase during pregnancy. 1991;164:237 (Letter)
- Rademaker AW (see Lurain et al).** 1991;164:611-6
- Rahman A (see Potkul et al).** 1991;164:652-8
- Ramasubramanian R, Mohajer M, Symonds EM, Luxton MC, Aitkenhead AR.** Fetal distress. 1991;164:1151-2 (Letter)
- Ramey SL (see Streissguth et al).** 1991;164:1239-43
- Randolph M (see Morgan et al).** 1991;164:1021-30
- Rao AV (see Carey et al).** 1991;164:728-33
- (see Eschenbach et al). 1991;164:734-42
- Rath D (see Sellors et al).** 1991;164:113-20
- Ray DA (see Dyson et al).** 1991;164:756-62
- Rayburn WF (see Zuspan and Rayburn).** 1991;164:2-6 (Clin. opinion)
- Rayl DL (see Cunningham et al).** 1991;164:791-6
- Raziel A, Rosenberg T, Schreyer P, Caspi E, Gilboa Y.** Transient postpartum diabetes insipidus. 1991;164:616-8
- Read JA (see Harlas et al).** 1991;164:564-8
- Reed GF (see Jovanovic-Peterson et al).** 1991;164:103-11
- Reed KL (see Shenker et al).** 1991;164:1597-600
- Reed SD, Landers DV, Sweet RL.** Antibiotic treatment of tubo-ovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens. 1991;164:1556-62
- Regan JA (see Carey et al).** 1991;164:728-33
- (see Eschenbach et al). 1991;164:734-42
- Reid R, Greenberg MD, Lorincz A, Jenson AB, Laverty CR, Husain M, Daoud Y, Zado B, White T, Cantor D, Goldrath M.** Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? 1991;164:1461-71
- Rementeria A (see Matorras et al).** 1991;164:42-4
- Remuzzi G (see Benigni et al).** 1991;164:844-8
- Rettig PJ (see Carey et al).** 1991;164:728-33
- (see Eschenbach et al). 1991;164:734-42
- Ribeiro AA (see Kay et al).** 1991;164:80-7
- Richardson H (see Sellors et al).** 1991;164:113-20
- Riddle A (see Rizk et al).** 1991;164:161-4
- Riddle G (see Faro et al).** 1991;164:1380-3
- (see Martens et al). 1991;164:1383-6
- Rider ED (see Tabor et al).** 1991;164:675-81
- Riehl RM (see Olive et al).** 1991;164:953-8
- (see Schenken et al). 1991;164:1031-7
- Riemer RK (see Hurd et al).** 1991;164:182-7
- Rigg LA (see Merkouris et al).** 1991;164:1197-202
- Riis BJ (see Marslew et al).** 1991;164:1163-8
- Rivello D (see Hill et al).** 1991;164:101-3
- River LP (see Lin et al).** 1991;164:1535-42
- Rivier JE (see Soules et al).** 1991;164:989-96
- Rizk B, Tan SL, Morcos S, Riddle A, Brinsden P, Mason BA, Edwards RG.** Heterotopic pregnancies after in vitro fertilization and embryo transfer. 1991;164:161-4
- Rizzo G, Arduini D, Romanini C.** Cardiac function in fetuses of type I diabetic mothers. 1991;164:837-43
- Robboy SJ (see Tyler et al).** 1991;164:65-70
- Roberts AB, Goldstein I, Romero R, Hobbs JC.** Fetal breathing movements after preterm premature rupture of membranes. 1991;164:821-5
- Roberts JM (see Hurd et al).** 1991;164:182-7
- Roberts S (see Faro et al).** 1991;164:1380-3
- Roberts WS, Hoffman MS, LaPolla JP, Ruas E, Fiorica JV, Cavanagh D.** Management of radionecrosis of the vulva and distal vagina. 1991;164:1235-8
- Robertson PA (see Hurd et al).** 1991;164:182-7
- Robichaux AG (see Joseph et al).** 1991;164:1441-7
- Robin B (see Steinleitner et al).** 1991;164:949-52
- Rochat RW (see Syverson et al).** 1991;164:603-8
- Rodeck CA (see Evans et al).** 1991;164:1092-9
- Rodis JF.** Parvovirus transmission concerns. 1991;164:1363-4 (Letter reply)
- (see Fleming et al). 1991;164:38-41
- Rodriguez GC, Berchuck A, Whitaker RS, Schlossman D, Clarke-Pearson DL, Bast RC Jr.** Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor. 1991;164:745-50
- (see Berchuck et al). 1991;164:15-21
- (see Berchuck et al). 1991;164:669-74
- Rodriguez-Escudero FJ (see Matorras et al).** 1991;164:42-4
- Roe DA (see Little et al).** 1991;164:927-30
- Rogers M (see Peoples-Sheps et al).** 1991;164:514-21
- Romanini C (see Rizzo et al).** 1991;164:837-43
- Romano R, Jannini EA, Pepe M, Grimaldi A, Olivieri M, Spennati P, Cappa F, D'Armiamento M.** The effects of iodoprophylaxis on thyroid size during pregnancy. 1991;164:482-5
- Romero R, Hanaoka S, Mazor M, Athanasiadis AP, Callahan R, Hsu YC, Avila C, Nores J, Jimenez C.** Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity. 1991;164:859-62
- (see Roberts et al). 1991;164:821-5
- Romney SL (see Mikhail and Romney).** 1991;164:1364 (Letter)
- Rosen DA, Rosen KR, Elkins TE, Andersen HF, McNeeley SG Jr, Sorg C.** Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation. 1991;164:825-8
- Rosen KR (see Rosen et al).** 1991;164:825-8
- Rosenberg T (see Raziel et al).** 1991;164:616-8
- Rosenfeld B (see Kirshon et al).** 1991;164:818-20
- Rosenfield A.** Residency training and abortion. 1991;164:1686 (Letter)
- (see Chavkin and Rosenfield). 1991;164:707 (Letter reply)
- Rosenthal M (see Shain et al).** 1991;164:763-71
- Rotmans N (see Wallenburg et al).** 1991;164:1169-73
- Rotmensh S, Grannum PA, Nores JA, Hall C, Keller MS, McCarthy S, Hobbs JC.** In utero diagnosis and management of fetal subdural hematoma. 1991;164:1246-8
- Rottem S.** First-trimester transvaginal ultrasonographic screening: incidence of structural anomalies. 1991;164:933 (Letter)
- Roux S (see Pillsbury et al).** 1991;164:1643-6
- Ruas E (see Roberts et al).** 1991;164:1235-8
- Rubin SC, Finstad CL, Hoskins WJ, Provencher D, Federici MG, Lloyd KO, Lewis JL Jr.** Analysis of antigen expression at multiple tumor sites in epithelial ovarian cancer. 1991;164:558-63
- Ruck P (see Dietl et al).** 1991;164:702 (Letter)
- Rudolph AM (see Schmidt et al).** 1991;164:1118-26

- Ryan GM Jr. Chlamydial infection and pregnancy outcome. 1991;164:234 (Letter reply)
- Rybo G (see Milsom et al.). 1991;164:879-83
- S
- Sadowsky D (see Owiny et al.). 1991;164:658-63
- Saginur R (see Claman et al.). 1991;164:71-2
- Sahakian V, Weiner CP, Naides SJ, Williamson RA, Scharosch LL. Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection. 1991;164:1090-1
- Saito S (see Moroi et al.). 1991;164:1107-8
- Salafia CM (see Fleming et al.). 1991;164:38-41
- Salwin M (see McCalla et al.). 1991;164:625-30
- Samuelson U (see Fried and Samuelson). 1991;164:1330-6
- Sarno AP Jr. The significance of amniotic fluid volume during intrapartum fetal acoustic stimulation. 1991;164:1100-1
- Sata T (see Moroi et al.). 1991;164:1107-8
- Sauer HJ (see Hendrix and Sauer). 1991;164:1102-4
- Savia E (see Nieminen et al.). 1991;164:1265-9
- Savitz DA, Blackmore CA, Thorp JM. Epidemiologic characteristics of preterm delivery: etiologic heterogeneity. 1991;164:467-71 (Clin. opinion)
- (see Albers and Savitz). 1991;164:868-73
- Scambia G, Panici PB, Baiocchi G, Amoruso M, Foti E, Greggi S, Mancuso S. The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy. 1991;164:631-6
- Schachter J (see Landers et al.). 1991;164:849-58
- Schäfer A, Friedmann W, Mielke M, Schwartländer B, Koch MA. The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression. 1991;164:593-9
- Schally AV (see Monsonego et al.). 1991;164:1181-9
- Scharosch LL (see Sahakian et al.). 1991;164:1090-1
- Schechter C (see Mandelblatt et al.). 1991;164:644-51 (Curr. dev.)
- Scheerer RG (see Takahashi et al.). 1991;164:1115-8
- Schenken RS, Johnson JV, Riehl RM. c-myc Protooncogene polypeptide expression in endometriosis. 1991;164:1031-7 (see Olive et al.). 1991;164:953-8
- Schick-Boschetto B (see Donnenfeld and Schick-Boschetto). 1991;164:1363 (Letter)
- Schiff E, Ben-Baruch G, Menczer J. HCG or β -hCG or hCG β -subunit or hCG + hCG β -subunit? 1991;164:1689 (Letter reply)
- Schlossman D (see Rodriguez et al.). 1991;164:745-50
- Schmidt KG, Di Tommaso M, Silverman NH, Rudolph AM. Evaluation of changes in umbilical blood flow in the fetal lamb by Doppler waveform analysis. 1991;164:1118-26
- Schneider H. The role of the placenta in nutrition of the human fetus. 1991;164:967-73
- Schreyer P (see Raziel et al.). 1991;164:616-8
- Schwartzländer B (see Schäfer et al.). 1991;164:593-9
- Schwartz R (see Peoples-Sheps et al.). 1991;164:514-21
- Secher NJ (see Olsen et al.). 1991;164:1203-9
- Sedlis A (see Homesley et al.). 1991;164:997-1004
- Seeds JW (see Watson et al.). 1991;164:64-5
- Seifer DB. Metabolic effects of danazol. 1991;164:934 (Letter reply)
- Seki K, Makimura N, Mitsui C, Hirata J, Nagata I. Calcium-regulating hormones and osteocalcin levels during pregnancy: a longitudinal study. 1991;164:1248-52
- Selby JV (see Klebanoff et al.). 1991;164:59-63
- Sellors J, Mahony J, Goldsmith C, Rath D, Mander R, Hunter B, Taylor C, Groves D, Richardson H, Chernesky M. The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease. 1991;164:113-20
- Selman-Lama M (see Vadillo-Ortega et al.). 1991;164:664-8
- Serden SP (see Brooks et al.). 1991;164:1601-8
- Serpé N (see Steinleitner et al.). 1991;164:949-52
- Shah DM, Higuchi K, Inagami T, Osteen KG. Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures. 1991;164:1145-50
- Shain RN, Miller WB, Holden AEC, Rosenthal M. Impact of tubal sterilization and vasectomy on female marital sexuality: results of a controlled longitudinal study. 1991;164:763-71
- Sharp ES (see Syverson et al.). 1991;164:603-8
- Sharpe KL, Bertero MC, Musc KN, Vernon MW. Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat. 1991;164:187-94
- Sheeran G (see Eden et al.). 1991;164:1409-19
- Shefren G, Collin J, Soriero O. Gliomatosis peritonei with malignant transformation: a case report and review of the literature. 1991;164:1617-21
- Shelburne P (see Cox et al.). 1991;164:587-90
- Sheldon RE (see Morgan et al.). 1991;164:1021-30
- Shenker L, Reed KL, Anderson CF, Borjon NA. Significance of oligohydramnios complicating pregnancy. 1991;164:1597-600
- Sherer DM, Abramowicz JS, D'Amico ML, Allen T, Woods JR Jr. Fetal panting: yet another response to the external vibratory acoustic stimulation test. 1991;164:591-2
- , —, —, Caverly CB, Woods JR Jr. Fetal vibratory acoustic stimulation in twin gestations with simultaneous fetal heart rate monitoring. 1991;164:1104-6
- Sheridan-Pereira M (see Ellison et al.). 1991;164:1281-9
- Shiono PH (see Klebanoff et al.). 1991;164:59-63
- Shouval D (see Ilan et al.). 1991;164:235 (Letter reply)
- Shulman LP (see Simpson et al.). 1991;164:829-36
- Shyken JM, Smeltzer JS, Petrie RH. Anesthesia and folic acid-base values. 1991;164:1360-1 (Letter reply)
- Sibai BM (see Barton and Sibai). 1991;164:1690-1 (Letter reply)
- (see Fairlie et al.). 1991;164:1084-9
- (see Simpson et al.). 1991;164:829-36
- Siegel E (see Peoples-Sheps et al.). 1991;164:514-21
- Silavin SL (see Morgan et al.). 1991;164:1021-30
- Silver HM, Gibbs RS. Group B streptococcal disease. 1991;164:1153 (Letter reply)
- , —, Gray BM, Dillon HC. Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization (1990;163:19-25). 1991;164:1359 (Correction)
- Silverman NH (see Schmidt et al.). 1991;164:1118-26
- Simpson JL, Elias S, Morgan CD, Andersen RN, Shulman LP, Sibai BM, Skoll A. Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? 1991;164:829-36
- (see Elias et al.). 1991;164:1077-83 (Clin. opinion)
- Skare JC (see Milunsky et al.). 1991;164:751-5
- Skoll A (see Simpson et al.). 1991;164:829-36
- Slaughter L, Brown CRV. Cervical findings in rape victims. 1991;164:528-9
- Smeltzer JS (see Shyken et al.). 1991;164:1360-1 (Letter reply)

- Smith LH (see Stanhope et al). 1991;164:1513-9
 — (see Young et al). 1991;164:1132-9
- Snijders RJM (see Thorpe-Beeston et al). 1991;164:1244-5
- Snyder RR (see Hankins et al). 1991;164:1261-4
- Soares VRX (see Nieminen et al). 1991;164:1265-9
- Sobhi S (see Little et al). 1991;164:927-30
- Sokol RJ (see Eden et al). 1991;164:1409-19
 — (see Wolfe et al). 1991;164:1306-10
- Sommer S (see Olsen et al). 1991;164:1203-9
- Sommerville M, Grimes DA, Koonings PP, Campbell K. Ovarian neoplasms and the risk of adnexal torsion. 1991;164:577-8
- Sonek J, Gabbe SG, Iams JD, Kniss DA. Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy. 1991;164:1174-80
- Soper DE. Diagnosis and laparoscopic grading of acute salpingitis. 1991;164:1370-6
- Soper JT (see Berchuck et al). 1991;164:15-21
 — (see Berchuck et al). 1991;164:669-74
- Sørensen TIA (see Olsen et al). 1991;164:1203-9
- Sorg C (see Rosen et al). 1991;164:825-8
- Soriero O (see Shefren et al). 1991;164:1617-21
- Sorokin Y (see Eden et al). 1991;164:1409-19
- Sorrentino P (see Pinto et al). 1991;164:507-13
- Sorrentino R (see Pinto et al). 1991;164:507-13
- Soules MR, Bremner WJ, Dahl KD, Rivier JE, Vale WW, Clinton DK. The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle. 1991;164:989-96
- Spellacy WN (see Finan et al). 1991;164:772-5
- Spennati P (see Romano et al). 1991;164:482-5
- Speroff L (see Speroff et al). 1991;164:165-74 (Curr. dev.)
- Speroff T, Dawson NV, Speroff L, Haber RJ. A risk-benefit analysis of elective bilateral oophorectomy: effect of changes in compliance with estrogen therapy on outcome. 1991;164:165-74 (Curr. dev.)
- Spicer LD (see Kay et al). 1991;164:80-7
- Spitale P (see Moses et al). 1991;164:477-81
- Stanhope CR, Wilson TO, Utz WJ, Smith LH, O'Brien PC. Suture entrapment and secondary ureteral obstruction. 1991;164:1513-9
- Stedman CM (see Joseph et al). 1991;164:1441-7
- Steege JF (see Stout et al). 1991;164:73-9
- Stehman FB (see Sutton et al). 1991;164:1472-81
- Stein GE. Patient costs for prophylaxis and treatment of obstetric and gynecologic surgical infections. 1991;164:1377-80
- Steinleitner AJ, Lambert H, Suarez M, Serpa N, Robin B, Cantor B. Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility. 1991;164:949-52
 — (see Dunn et al). 1991;164:1327-30
- Stiglich NJ (see Berenson et al). 1991;164:1491-9
- Stout AL, Steege JF, Dodson WC, Hughes CL. Relationship of laparoscopic findings to self-report of pelvic pain. 1991;164:73-9
- Stovall TG, Ling FW, Buster JE. Methotrexate treatment of ectopic gestation and reproductive outcome. 1991;164:699-700 (Letter reply)
 —, —, —. Methotrexate treatment of tubal pregnancy. 1991;164:231 (Letter reply)
 —, —, —, Henry LC, Woodruff MR. A randomized trial evaluating leuprolide acetate before hysterectomy as treatment for leiomyomas. 1991;164:1420-5
- Streissguth AP, Grant TM, Barr HM, Brown ZA, Martin JC, Mayoock DE, Ramey SL, Moore L. Cocaine and the use of alcohol and other drugs during pregnancy. 1991;164:1239-43
- Strickland DM. Predictive value: symptoms of preterm labor. 1991;164:700 (Letter)
 —, Butzin CA, Wians FH Jr. Maternal serum α -fetoprotein screening: further consideration of low-volume testing. 1991;164:711-4 (Clin. opinion)
- Strong TH Jr. Questions about prophylactic intrapartum amnioinfusion. 1991;164:1365-6 (Letter reply)
 — Paul RH, Park GD, Cheng Y, Lewis DE, McCart DF, Mueller EA. The intrauterine probe electrode. 1991;164:1233-4
- Su S-J (see Lin et al). 1991;164:1535-42
- Suarez M (see Steinleitner et al). 1991;164:949-52
- Summers PR, Biswas MK, Boulware DW, Green L, Herrera EH, O'Quinn AG. A case report of giant cell arteritis of the uterus and adnexa. 1991;164:540-2
- Suresh MS (see Nelson and Suresh). 1991;164:1344-50
- Sutton GP. Thombtacks. 1991;164:931-2 (Letter)
 —, Miser MR, Stehman FB, Look KY, Ehrlich CE. Trends in the operative management of invasive squamous carcinoma of the vulva at Indiana University, 1974 to 1988. 1991;164:1472-81
- Sweet RL (see Landers et al). 1991;164:849-58
 — (see Reed et al). 1991;164:1556-62
- Symonds EM (see Ramasubramanian et al). 1991;164:1151-2 (Letter)
- Syversen CJ, Chavkin W, Atrash HK, Rochat RW, Sharp ES, King GE. Pregnancy-related mortality in New York City, 1980 to 1984: causes of death and associated risk factors. 1991;164:603-8
- T
- Tabei T, Ochiai K, Terashima Y, Takanashi N. Serum levels of inhibin in maternal and umbilical blood during pregnancy. 1991;164:896-900
- Tabor BL, Rider ED, Ikegami M, Jobe AH, Lewis JF. Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits. 1991;164:675-81
- Takahashi T, Marcus B, Scheerer RG, Katz M. A new model for objective assessment of cervical ripening: the effect of prostaglandin E₂ and prelabor contractility. 1991;164:1115-8
 — (see Minakami et al). 1991;164:1690 (Letter)
- Takanashi N (see Tabei et al). 1991;164:896-900
- Tamada T (see Minakami et al). 1991;164:1690 (Letter)
- Tan SL (see Rizk et al). 1991;164:161-4
- Tao H (see Claman et al). 1991;164:71-2
- Taylor C (see Sellors et al). 1991;164:1113-20
- Taylor RN, Newman ED, Chen S. Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells. 1991;164:204-10
- Tenant FR (see Lindfors et al). 1991;164:1571-6
- Terashima Y (see Tabei et al). 1991;164:896-900
- Tetsuo M (see Ishimatsu et al). 1991;164:743-4
- Teyssier G (see Fouron et al). 1991;164:195-203
- Thakur VD (see Uribe et al). 1991;164:568-9
- Therois SK (see Wendel et al). 1991;164:1390-6
- Thiery M (see Derom et al). 1991;164:797-800
- Thomsen S (see Trolle et al). 1991;164:1277-81
- Thorncroft IH (see Witt et al). 1991;164:1225-8

- Thornton JG, Lilford RJ, Newcombe RG. Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results. 1991;164:154-60
- Thorp J, Bowes WA Jr. Pelvic muscles and episiotomy. 1991;164:936 (Letter reply)
- Thorp JM (see Savitz et al.). 1991;164:467-71 (Clin. opinion)
- Thorp JM Jr (see Katz et al.). 1991;164:99-100
- Thorpe E (see Landers et al.). 1991;164:849-58
- Thorpe-Beeston JG, Nicolaides KH, Snijders RJM, Butler J, McGregor AM. Fetal thyroid-stimulating hormone response to maternal administration of thyrotropin-releasing hormone. 1991;164:1244-5
- Timor-Tritsch IE, Monteguado A, Warren WB. Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters. 1991;164:497-503
- Toan NN. Simplified urethrocystovaginal suspension for stress urinary incontinence. 1991;164:1689-90 (Letter)
- Todd JK (see McGregor et al.). 1991;164:682-6
- Todd MM (see Choi et al.). 1991;164:693-7
- Tooley WH (see Laros et al.). 1991;164:1657-65
- Toppozada MK, Darwish E, Barakat AAT. Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions. 1991;164:1229-32
- Touwen BCL (see van der Pol et al.). 1991;164:121-8
- Towers CV, Kaminskas CM, Garite TJ, Nageotte MP, Dorchester W. Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? 1991;164:974-80
- (see Pircon et al.). 1991;164:1563-70
- Trachtenberg AI (see Klebanoff et al.). 1991;164:59-63
- Trolle B, Møller M, Kronborg H, Thomsen S. The effect of sterile water blocks on low back labor pain. 1991;164:1277-81
- Tucker JM (see Winkler et al.). 1991;164:637-41
- Tulzer G (see Gudmundsson et al.). 1991;164:33-7
- Turner M. Panty hose-pants disease. 1991;164:1366 (Letter)
- Tyler CW Jr, Lee NC, Robboy SJ, Kurman RJ, Paris AL, Wingo PA, Williamson GD. The diagnosis of ovarian cancer by pathologists: How often do diagnoses by contributing pathologists agree with a panel of gynecologic pathologists? 1991;164:65-70
- Tyson RW (see Bendon et al.). 1991;164:582-6
- U
- Unadkat JD (see Frenkel et al.). 1991;164:569-76
- Urban RJ, Veldhuis JD. A selective serotonin reuptake inhibitor, fluoxetine hydrochloride, modulates the pulsatile release of prolactin in postmenopausal women. 1991;164:147-52
- Uribe LG, Thakur VD, Krane NK. Steroid-responsive nephrotic syndrome with renal insufficiency in the first trimester of pregnancy. 1991;164:568-9
- Usandizaga JA (see Matorras et al.). 1991;164:1152-3 (Letter)
- Usher RH (see McLean et al.). 1991;164:619-24
- Utz WJ (see Stanhope et al.). 1991;164:1513-9
- V
- Vadillo-Ortega F, González-Avila G, Villaneuva-Díaz C, Bañales JL, Selman-Lama M, Durán AA. Human amniotic fluid modulation of collagenase production in cultured fibroblasts. 1991;164:664-8
- Vaginal Infections and Prematurity Study Group (see Carey et al.). 1991;164:728-33
- (see Eschenbach et al.). 1991;164:734-42
- Vaheri A (see Nieminen et al.). 1991;164:1265-9
- Vale WW (see Soules et al.). 1991;164:989-96
- Valencia G (see McCalla et al.). 1991;164:625-30
- Van den Berghe H (see Derom et al.). 1991;164:797-800
- van der Pol MC, Hadders-Algra M, Huijse HJ, Touwen BCL. Antiepileptic medication in pregnancy: late effects on the children's central nervous system development. 1991;164:121-8
- van der Zee AGJ, de Brujin HWA, Bouma J, Aalders JG, Oosterhuis JW, de Vries EGE. Endodermal sinus tumor of the ovary during pregnancy: a case report. 1991;164:504-6
- Varner RE. Simplified urethrocystovaginal suspension for stress urinary incontinence. 1991;164:1690 (Letter reply)
- Veeck LL (see Oehninger et al.). 1991;164:1210-5
- Veldhuis JD (see Urban and Veldhuis). 1991;164:147-52
- Vercellini P (see Candiani et al.). 1991;164:87-90
- Verkeste CM (see Boekkooi et al.). 1991;164:921-6
- Vermesh M (see Davajan et al.). 1991;164:1666-72
- Vernon MW (see Sharpe et al.). 1991;164:187-94
- Vesely DL (see Merkouris et al.). 1991;164:1197-202
- Vesterinen E (see Nieminen et al.). 1991;164:1265-9
- Victoria C (see Narod et al.). 1991;164:1109-14 (Curr. dev.)
- Vidgoff J. Nonimmune hydrops in fetal Niemann-Pick disease. 1991;164:231-2 (Letter)
- Villa L (see Candiani et al.). 1991;164:87-90
- Villaneuva-Díaz C (see Vadillo-Ortega et al.). 1991;164:664-8
- Vintzileos AM (see Fleming et al.). 1991;164:38-41
- Vlietinck R (see Derom et al.). 1991;164:797-800
- W
- Wagaman R (see Williams and Wagaman). 1991;164:45-6
- Walker GJA (see Bobadilla and Walker). 1991;164:22-8
- Walker JJ (see Fairlie et al.). 1991;164:1084-9
- Walla CA (see Platt et al.). 1991;164:1652-6
- Wallenburg HCS, Dekker GA, Makovitz JW, Rotmans N. Effect of low-dose aspirin on vascular refractoriness in angiotensin-sensitive primigravid women. 1991;164:1169-73
- Walther RR (see Baxi et al.). 1991;164:778-80
- Wang H-C (see Pao et al.). 1991;164:1295-9
- Wang Y, Kay HH, Killam AP. Decreased levels of polyunsaturated fatty acids in preeclampsia. 1991;164:812-8
- Warner DS (see Choi et al.). 1991;164:693-7
- Warren WB (see Timor-Tritsch et al.). 1991;164:497-503
- Warsof SL (see Jaffe and Warsof). 1991;164:781-5
- Wasserheit JN (see Cates and Wasserheit). 1991;164:1771-81
- Wasserman DE (see Abrams and Wasserman). 1991;164:1152 (Letter)
- Wasserstrum N (see Mari and Wasserstrum). 1991;164:776-8
- Watson JM (see Berek et al.). 1991;164:1038-43
- Watson WJ, Katz VL, Seeds JW. Fetal urine output does not influence residual amniotic fluid volume after premature rupture of membranes. 1991;164:64-5
- (see Katz et al.). 1991;164:99-100
- Weindling AM (see Garden et al.). 1991;164:1190-6
- Weiner CP (see Sahakian et al.). 1991;164:1090-1
- Weiner S (see Gudmundsson et al.). 1991;164:33-7
- Weiss E, Hitschold T, Berle P. Umbilical artery blood flow velocity waveforms during variable decelerations of the fetal heart rate. 1991;164:534-40
- Wendel GD Jr, Cox SM, Bawdon RE, Theriot SK, Heard MC, Nobles BJ. A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis. 1991;164:1390-6

- Wentworth RA (*see* Morgan et al). 1991;164:1021-30
- Whetham J (*see* Cullen et al). 1991;164:1362 (Letter reply)
- Whitaker RS (*see* Rodriguez et al). 1991;164:745-50
- White T (*see* Reid et al). 1991;164:1461-71
- Whitehead N, MacMahon W, Fernhoff P, Priest J. Follow-up of elevated maternal serum α -fetoprotein levels: Ultrasoundography only or amniocentesis? 1991;164:1688-9 (Letter)
- Wians FH Jr (*see* Strickland et al). 1991;164:711-4 (Clin. opinion)
- Wiklund M (*see* Granberg et al). 1991;164:47-52
- Wildschut HJJ (*see* Huber et al). 1991;164:1216-9
- Wilkinson GS (*see* Berenson et al). 1991;164:1491-9
- Williams G. Metabolic effects of danazol. 1991;164:933-4 (Letter)
- Williams RS, Wagaman R. Endometriosis associated with massive ascites and absence of pelvic peritoneum. 1991;164:45-6
- Williamson GD (*see* Tyler et al). 1991;164:65-70
- Williamson RA (*see* Sahakian et al). 1991;164:1090-1
- Wilson JR. Ultrasonography in the diagnosis of gynecologic disorders. 1991;164:1064-71
- Wilson CB (*see* Feigenbaum et al). 1991;164:1549-55
- Wilson TO (*see* Stanhope et al). 1991;164:1513-9
- Wingo PA (*see* Tyler et al). 1991;164:65-70
- Winkler CL, Hauth JC, Tucker JM, Owen J, Brumfield CG. Neonatal complications at term as related to the degree of umbilical artery acidemia. 1991;164:637-41
- Witkin SS, Kalo-Klein A. Enhancement of germ tube formation in *Candida albicans* by β -endorphin. 1991;164:917-20
- (*see* Kalo-Klein and Witkin). 1991;164:1351-4
- Witt BR, Miles R, Wolf GC, Koulianou GT, Thorneycroft IH. CA 125 levels in abruptio placentae. 1991;164:1225-8
- Wolf GC (*see* Witt et al). 1991;164:1225-8
- Wolf PH, Madans JH, Finucane FF, Higgins M, Kleinman JC. Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort. 1991;164:489-94
- Wolfe HM, Zador IE, Gross TL, Martier SS, Sokol RJ. The clinical utility of maternal body mass index in pregnancy. 1991;164:1306-10
- Wolman I (*see* Pauzner et al). 1991;164:152-3
- Wolner-Hanssen P (*see* Landers et al). 1991;164:849-58
- Wood DC (*see* Gudmundsson et al). 1991;164:33-7
- Woodruff MR (*see* Stovall et al). 1991;164:1420-5
- Woods JR Jr (*see* Sherer et al). 1991;164:591-2
- (*see* Sherer et al). 1991;164:1104-6
- Wu FC (*see* Aitken et al). 1991;164:542-51
- Y
- Yabuki Y, Asamoto A, Hoshiba T, Nishimoto H, Kitamura S. Dissection of the cardinal ligament in radical hysterectomy for cervical cancer with emphasis on the lateral ligament. 1991;164:7-14 (Clin. opinion)
- Yanagida M (*see* Moroi et al). 1991;164:1107-8
- Yarlagadda P (*see* Maulik et al). 1991;164:1434-40
- Yeomans ER (*see* Hankins et al). 1991;164:1261-4
- Yerg DE (*see* Ehrenkranz et al). 1991;164:233-4 (Letter reply)
- Ylikorkala O (*see* Eronen et al). 1991;164:141-6
- Yordan E (*see* Homesley et al). 1991;164:997-1004
- Yoshimura O (*see* Ishimatsu et al). 1991;164:743-4
- Young RC, Herndon-Smith L. Characterization of sodium channels in cultured human uterine smooth muscle cells. 1991;164:175-81
- , Smith LH, Anderson NC Jr. Passive membrane properties and inward calcium current of human uterine smooth muscle cells. 1991;164:1132-9
- Youngblood JP (*see* Maulik et al). 1991;164:1434-40
- Z
- Zachariassen P (*see* Olsen et al). 1991;164:1203-9
- Zacur HA (*see* Burkman et al). 1991;164:1453-60
- (*see* Murphy et al). 1991;164:28-33
- Zado B (*see* Reid et al). 1991;164:1461-71
- Zador IE (*see* Wolfe et al). 1991;164:1306-10
- Zanjani ED (*see* Crombleholme et al). 1991;164:218-30 (Curr. dev.)
- Zinberg S. Stratification and standards: a quality assurance perspective. 1991;164:722-8 (Pres. address)
- Zuspan FP, Rayburn WF. Blood pressure self-monitoring during pregnancy: practical considerations. 1991;164:2-6 (Clin. opinion)

Subject index*

A

Abnormalities

- Coffee during pregnancy: A reproductive hazard? (Narod et al). 1991;164:1109-14 (Curr. dev)
First-trimester transvaginal ultrasonographic screening: incidence of structural anomalies (Rottem) (Letter); (Cullen) (Reply). 1991;164:933
Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al). 1991;164:1426-33
Mild fetal lateral cerebral ventriculomegaly: clinical course and outcome (Bromley et al). 1991;164:863-7
Screening and detection of congenital malformation (Pitkin). 1991;164:1045-8

ABO blood-group system

- Oral contraceptives and antithrombin III: variations by dosage and ABO blood group (Burkman et al). 1991;164:1453-60

Abortion

- Argon laser versus microscissors for hysteroscopic incision of uterine septa (Candiani et al). 1991;164:87-90
Attitudes on the ethics of abortion, sex selection, and selective pregnancy termination among health care professionals, ethicists, and clergy likely to encounter such situations (Evans et al). 1991;164:1092-9
A chill wind blows fresh air (Calvin). 1991;164:706 (Letter)
Coffee during pregnancy: A reproductive hazard? (Narod et al). 1991;164:1109-14 (Curr. dev)
High CA 125 levels and spontaneous abortion (Fuihi). 1991;164:236-7 (Letter)
Residency training and abortion (Rosenfield). 1991;164:1686 (Letter)
Webster should not affect prenatal diagnosis (Barr et al) (Letter); (Chavkin and Rosenfield) (Reply). 1991;164:706-7

Abortion, threatened

- Rh immune globulin prophylaxis for threatened abortions (Kuller) (Letter); (Dayton et al) (Reply). 1991;164:703-4

Abruption placae

- CA 125 levels in abruption placae (Witt et al). 1991;164:1225-8

Abscess

- Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62

Acid-base equilibrium

- Anesthesia and funic acid-base values (Camann) (Letter); (Shyken et al) (Reply). 1991;164:1360-1

Acid-base imbalance

- Neonatal complications at term as related to the degree of umbilical artery acidemia (Winkler et al). 1991;164:637-41

*January, part 1, 1-240; part 2, 241-466; February, 467-708; March, 709-938; April, 939-1154; May, part 1, 1155-1368; part 2, 1369-1400; June, part 1, 1401-1766; part 2, 1767-1796.

Acidemia; see Acid-base imbalance

Acoustic stimulation

- Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation (Parkes et al). 1991;164:1336-43

- Fetal panting: yet another response to the external vibratory acoustic stimulation test (Sherer et al). 1991;164:591-2

- Fetal vibratory acoustic stimulation in twin gestations with simultaneous fetal heart rate monitoring (Sherer et al). 1991;164:1104-6

- Intraabdominal sound levels during vibroacoustic stimulation (Graham et al). 1991;164:1140-4

- Occupational vibration during pregnancy (Abrams and Wasserman). 1991;164:1152 (Letter)

- The significance of amniotic fluid volume during intrapartum fetal acoustic stimulation (Sarno). 1991;164:1100-1

Acquired immunodeficiency syndrome

- Prevalence of acquired immunodeficiency syndrome detected during prenatal care of population of low socio-economic status (Porto) (Letter); (Barton) (Reply). 1991;164:705-6

Acute renal failure; see Kidney failure, acute

Acyclovir

- Pharmacokinetics of acyclovir in the term human pregnancy and neonate (Frenkel et al). 1991;164:569-76

Adenofibroma

- Conservative management of breast fibroadenomas (Hinde). 1991;164:1647-51

Adenohypophysitis; see Pituitary diseases

Adenosine cyclic monophosphate

- Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al). 1991;164:204-10

Adenosine triphosphate

- Mechanisms of asphyxial brain damage, and possible pharmacologic interventions, in the fetus (Espinoza and Parer). 1991;164:1582-91

- Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts (Kay et al). 1991;164:80-7

Adhesions

- Synergistic effect of intraperitoneally administered calcium channel blockade and recombinant tissue plasminogen activator to prevent adhesion formation in an animal model (Dunn et al). 1991;164:1327-30

Adnexa uteri

- A case report of giant cell arteritis of the uterus and adnexa (Summers et al). 1991;164:540-2

- Ovarian neoplasms and the risk of adnexal torsion (Sommerville et al). 1991;164:577-8

Adnexal diseases

- Ultrasonography in the diagnosis of gynecologic disorders (Willson). 1991;164:1064-71

Adnexitis

- The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease (Sellors et al). 1991;164:1113-20

Adnexitis—cont'd

- Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62
Chlamydia trachomatis: female pelvic infection (Faro). 1991;164:1767-70
 Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al). 1991;164:849-58
 Diagnosis and laparoscopic grading of acute salpingitis (Soper). 1991;164:1370-6
 Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81

Adrenal cortex hormones

- Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes (Owiny et al). 1991;164:658-63
 Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits (Tabor et al). 1991;164:675-81

Adrenergic receptors; see Receptors, adrenergic**Aged**

- Clinical implications of screening for cervical cancer under Medicare (Mandelblatt et al). 1991;164:644-51 (Curr. dev.)

Alcohol drinking

- Cocaine and the use of alcohol and other drugs during pregnancy (Streichguth et al). 1991;164:1239-43
 Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9

Allis test; see Cesarean section**Alpha 1-antitrypsin**

- Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al). 1991;164:1310-6

Alpha fetoprotein

- Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? (Simpson et al). 1991;164:829-36

- Follow-up of elevated maternal serum α -fetoprotein levels: Ultrasonography only or amniocentesis? (Whitehead et al). 1991;164:1688-9 (Letter)

- Low level of maternal serum α -fetoprotein: its associated anxiety and the effects of genetic counseling (Keenan et al). 1991;164:54-6

- Maternal serum α -fetoprotein screening: further consideration of low-volume testing (Strickland et al). 1991;164:711-4 (Clin. opinion)

- The roles of ultrasonography and amniocentesis in evaluation of elevated maternal serum α -fetoprotein (Lindfors et al). 1991;164:1571-6

- Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results (Thornton et al). 1991;164:154-60

- Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al). 1991;164:1216-9

Amenorrhea

- Ten-year follow-up of patients with secondary amenorrhea and normal prolactin (Davajan et al). 1991;164:1666-72

The American Board of Obstetrics and Gynecology

- New certifications: principal specialty. 1991;164:1692-708
 New certifications: subspecialty of Gynecologic Oncology. 1991;164:1711
 New certifications: subspecialty of Maternal-Fetal Medicine. 1991;164:1710-1
 New certifications: subspecialty of Reproductive Endocrinology. 1991;164:1709-10

American Gynecological and Obstetrical Society

- Transactions of the ninth annual meeting of the American Gynecological and Obstetrical Society. 1991;164:939-1071

AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY

- A change in the masthead. 1991;164:1 (Editorial)
 Summary of analysis of published articles. 1991;164:709-10 (Editorial)

Amino acids

- The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al). 1991;164:1481-90

Aminoglycosides

- Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62

Amniocentesis

- Cytomegalovirus infection (Hershey). 1991;164:1687 (Letter)

- Follow-up of elevated maternal serum α -fetoprotein levels: Ultrasonography only or amniocentesis? (Whitehead et al). 1991;164:1688-9 (Letter)

- The roles of ultrasonography and amniocentesis in evaluation of elevated maternal serum α -fetoprotein (Lindfors et al). 1991;164:1571-6

Amnioinfusion; see Amniotic fluid**Amnion**

- Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimir et al). 1991;164:599-603

- Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy (Sonek et al). 1991;164:1174-80

- Regulation of CA 125 production by amnion and WISH cells in culture (Barbati et al). 1991;164:1355-9

Amniotic fluid

- Amniotic endothelin increase during pregnancy (Raboni et al). 1991;164:237 (Letter)

- Amniotic fluid glucose and intraamniotic infection (Kirshon et al). 1991;164:818-20

- Fetal urine output does not influence residual amniotic fluid volume after premature rupture of membranes (Watson et al). 1991;164:64-5

- Human amniotic fluid modulation of collagenase production in cultured fibroblasts (Vadillo-Ortega et al). 1991;164:664-8

- Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

- Progress in pathogenesis and management of clinical intraamniotic infection (Gibbs and Duff). 1991;164:1317-26 (Curr. dev.)

- Questions about prophylactic intrapartum amnioinfusion (Chauhan) (Letter); (Strong) (Reply). 1991;164:1365-6

- Rapid intramembranous absorption into the fetal circulation of arginine vasopressin injected intraamniotically (Gilbert et al). 1991;164:1013-20

- The significance of amniotic fluid volume during intrapartum fetal acoustic stimulation (Sarno). 1991;164:1100-1
- Transplacental, amniotic, urinary, and fetal fluid dynamics during very-large-volume fetal intravenous infusions (Brace and Moore). 1991;164:907-16
- Was there really a difference with amnioinfusion? (Goodlin) (Letter); (Owen and Hauth) (Reply). 1991;164:235-6
- Amniotic fluid embolism; see Embolism, amniotic fluid**
- Analgesia**
- The effect of sterile water blocks on low back labor pain (Trolle et al.). 1991;164:1277-81
- Anemia**
- Anemia and spontaneous preterm birth (Klebanoff et al.). 1991;164:59-63
- Mechanisms of hemolysis and anemia associated with acute antepartum pyelonephritis (Cox et al.). 1991;164:587-90
- Anesthesia**
- Anesthesia and funic acid-base values (Camann) (Letter); (Shyken et al.) (Reply). 1991;164:1360-1
- Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat (Choi et al.). 1991;164:693-7
- The hemodynamic effects of intubation during nitroglycerin infusion in severe preeclampsia (Longmire et al.). 1991;164:551-6
- Angiosarcoma; see Hemangiosarcoma**
- Angiotensin II**
- Effect of low-dose aspirin on vascular refractoriness in angiotensin-sensitive primigravid women (Wallenburg et al.). 1991;164:1169-73
- Animal welfare**
- The issue of animal rights and human rights (Maharry). 1991;164:1543-8 (Pres. address)
- Antepartum testing; see Research design**
- Antibiotics**
- Antimicrobials in the 1990s: expanded options for effective patient care—introduction (Faro). 1991;164:1369
- Antimicrobials in the 1990s: expanded options for effective patient care—summary (Faro). 1991;164:1399-400
- The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9
- Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al.). 1991;164:1380-3
- New directions in the diagnosis and therapy of urinary tract infections (Powers). 1991;164:1387-9
- Patient costs for prophylaxis and treatment of obstetric and gynecologic surgical infections (Stein). 1991;164:1377-80
- Progress in pathogenesis and management of clinical intraamniotic infection (Gibbs and Duff). 1991;164:1317-26 (Curr. dev.)
- A randomized trial of ofloxacin versus cefotixin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al.). 1991;164:1390-6
- Susceptibility of female pelvic pathogens to oral antibiotic agents in patients who develop postpartum endometritis (Martens et al.). 1991;164:1383-6
- Antibiotics, lactam**
- Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β-lactam agents versus clindamycin-containing regimens (Reed et al.). 1991;164:1556-62
- Antibodies**
- Antisperm antibodies to sperm surface antigens in women with genital tract infection (Cunningham et al.). 1991;164:791-6
- Budd-Chiari syndrome, obstetric complications, and anti-phospholipid antibodies (Cowchock) (Letter); (Ilan et al.) (Reply). 1991;164:235
- Intravenous immunoglobulin treatment of recurrent pregnancy loss and antiphospholipid antibodies (Orvieto et al.). 1991;164:1687-8 (Letter)
- Antibodies, monoclonal**
- Overexpression of HER-2/neu in endometrial cancer is associated with advanced stage disease (Berchuck et al.). 1991;164:15-21
- Anticonvulsants**
- Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al.). 1991;164:121-8
- Antide**
- Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al.). 1991;164:187-94
- Antiepileptic medication; see Anticonvulsants**
- Antigens, neoplasm**
- Analysis of antigen expression at multiple tumor sites in epithelial ovarian cancer (Rubin et al.). 1991;164:558-63
- The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy (Scambia et al.). 1991;164:631-6
- Antigens, surface**
- Antisperm antibodies to sperm surface antigens in women with genital tract infection (Cunningham et al.). 1991;164:791-6
- Antigens, tumor-associated, carbohydrate**
- CA 125 levels in abruptio placentae (Witt et al.). 1991;164:1225-8
- High CA 125 levels and spontaneous abortion (Fuith). 1991;164:236-7 (Letter)
- Regulation of CA 125 production by amnion and WISH cells in culture (Barbati et al.). 1991;164:1355-9
- Antimicrobials; see Antibiotics**
- Antineoplastic agents**
- The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy (Scambia et al.). 1991;164:631-6
- Antiphospholipid antibodies; see Antibodies**
- Antisperm antibodies; see Antibodies**
- Antithrombin III**
- Oral contraceptives and antithrombin III: variations by dosage and ABO blood group (Burkman et al.). 1991;164:1453-60
- Anus**
- Estrogen receptors in the external anal sphincter (Haadem et al.). 1991;164:609-10
- Anxiety**
- Low level of maternal serum α-fetoprotein: its associated anxiety and the effects of genetic counseling (Keenan et al.). 1991;164:54-6
- Aorta**
- The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow (Pines et al.). 1991;164:806-12
- Apgar score**
- Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al.). 1991;164:1281-9

Apgar score—cont'd

Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al). 1991;164:1261-4

Arcuate nucleus

Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66

Arginine vasopressin; see Argipressin**Argipressin**

Rapid intramembranous absorption into the fetal circulation of arginine vasopressin injected intraamniotically (Gilbert et al). 1991;164:1013-20

Argon

Argon laser versus microscissors for hysteroscopic incision of uterine septa (Candiani et al). 1991;164:87-90

Arrhythmia

Continuous electrocardiographic monitoring in hypertensive crises in pregnancy (Naidoo et al). 1991;164:530-3

Ascites

Endometriosis associated with massive ascites and absence of pelvic peritoneum (Williams and Wagaman). 1991;164:45-6

Asphyxia neonatorum

Mechanisms of asphyxial brain damage, and possible pharmacologic interventions, in the fetus (Espinosa and Parer). 1991;164:1582-91

Neonatal complications at term as related to the degree of umbilical artery acidemia (Winkler et al). 1991;164:637-41

Aspirin

Effect of low-dose aspirin on vascular refractoriness in angiotensin-sensitive primigravid women (Wallenburg et al). 1991;164:1169-73

Astrocytes

Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66

Atrial natriuretic factor; see Natriuretic peptides, atrial**Autoantibodies**

The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy (El-Roeiy et al). 1991;164:1253-61

Autoimmune diseases

Recurrent herpes gestationis with postpartum flare: a case report (Baxi et al). 1991;164:778-80

Azithromycin

Chlamydia trachomatis: female pelvic infection (Faro). 1991;164:1767-70

New treatments for *Chlamydia trachomatis* (Jones). 1991;164:1789-93

The role of azalide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6

B**Backache**

The effect of sterile water blocks on low back labor pain (Trolle et al). 1991;164:1277-81

Bacterial infection; see Infection**Bacteroides fragilis**

Phospholipase C activity in microorganisms associated with

reproductive tract infection (McGregor et al). 1991;164:682-6

Bacteriologic techniques

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

Behavior, animal

Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation (Parkes et al). 1991;164:1336-43

Beta-endorphin

Enhancement of germ tube formation in *Candida albicans* by β-endorphin (Witkin and Kalo-Klein). 1991;164:917-20

Beta-hCG; see Gonadotropins, chorionic**Beta-lactam antibiotics; see Antibiotics, lactam****Beta-sympathomimetics; see Sympathomimetics****Biological assay**

Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects (Oehninger et al). 1991;164:1210-5

Biophysical profile; see Fetal monitoring**Biopsy**

The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease (Sellors et al). 1991;164:113-20

Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? (Minakami et al) (Letter); (Barton and Sibai) (Reply). 1991;164:1690-1

Birth weight

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al). 1991;164:625-30

Birth weights of infants of black and white mothers without pregnancy complications (Hulsey et al). 1991;164:1299-302

Coffee during pregnancy: A reproductive hazard? (Narod et al). 1991;164:1109-14 (Curr. dev.)

Cross-sectional analysis of triplet birth weight (Jones et al). 1991;164:135-40

Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark (Olsen et al). 1991;164:1203-9

Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al). 1991;164:103-11

Postterm infants: Too big or too small? (McLean et al). 1991;164:619-24

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42

Blacks

Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9

Bleeding; see Hemorrhage**Blood circulation**

Effect of intravenous cocaine on uterine blood flow in the gravid baboon (Morgan et al). 1991;164:1021-30

Blood coagulation; see Coagulation**Blood flow velocity**

The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63

The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow (Pines et al). 1991;164:806-12

The effects of indomethacin and a β -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study (Eronen et al). 1991;164:141-6

Evaluation of changes in umbilical blood flow in the fetal lamb by Doppler waveform analysis (Schmidt et al). 1991;164:1118-26

Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant (Mari and Wasserstrum). 1991;164:776-8

Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy (Jaffe and Warsof). 1991;164:781-5

Umbilical artery blood flow velocity waveforms during variable decelerations of the fetal heart rate (Weiss et al). 1991;164:534-40

Blood gas analysis

Anesthesia and funic acid-base values (Camann) (Letter); (Shyken et al) (Reply). 1991;164:1360-1

Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al). 1991;164:1261-4

Blood platelets

Quantitative and qualitative platelet abnormalities during pregnancy (How et al). 1991;164:92-8

Blood pressure monitors

Blood pressure self-monitoring during pregnancy: practical considerations (Zuspan and Rayburn). 1991;164:2-6 (Clin. opinion)

Blood transfusion, intrauterine

Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection (Sahakian et al). 1991;164:1090-1

Blood vessels

Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6

Blood volume, animal

The effect of volume expansion on placental blood flow in awake hypovolemic rats in late pregnancy (Boekkooi et al). 1991;164:921-6

Body height

Effect of subject height on the result for the fifty-gram oral glucose tolerance test (Phillipou). 1991;164:698 (Letter)

Body mass index

The clinical utility of maternal body mass index in pregnancy (Wolfe et al). 1991;164:1306-10

Body temperature

Association between hypothermia and mortality rate of preterm infants—revisited (Hazan et al). 1991;164:111-2

Factors influencing the initiation of nonshivering thermogenesis (Gunn et al). 1991;164:210-7

Body weight

The clinical utility of maternal body mass index in pregnancy (Wolfe et al). 1991;164:1306-10

Bone marrow transplantation

Transplantation of fetal cells (Crombleholme et al). 1991;164:218-30 (Curr. dev.)

Books

Books received. 1991;164:937, 1367, 1712-3

Brain injuries

Mechanisms of asphyxial brain damage, and possible pharmacologic interventions, in the fetus (Espinoza and Parer). 1991;164:1582-91

Breast

The mammary stimulation test—A predictor of preterm delivery? (Eden et al). 1991;164:1409-19

Breast neoplasms

Conservative management of breast fibroadenomas (Hindle). 1991;164:1647-51

Brewer, J.

A change in the masthead. 1991;164:1 (Editorial)

Budd-Chiari syndrome; see Hepatic vein thrombosis

C

C-myc genes; see Genes, myc

CA 125; see Antigens, tumor-associated, carbohydrate

Caffeine

Coffee during pregnancy: A reproductive hazard? (Narod et al). 1991;164:1109-14 (Curr. dev.)

Calcium

Calcium-regulating hormones and osteocalcin levels during pregnancy: a longitudinal study (Seki et al). 1991;164:1248-52

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Passive membrane properties and inward calcium current of human uterine smooth muscle cells (Young et al). 1991;164:1132-9

Calcium channel agonists

Passive membrane properties and inward calcium current of human uterine smooth muscle cells (Young et al). 1991;164:1132-9

Calcium channel blockers

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al). 1991;164:949-52

Synergistic effect of intraperitoneally administered calcium channel blockade and recombinant tissue plasminogen activator to prevent adhesion formation in an animal model (Dunn et al). 1991;164:1327-30

Candida albicans

Enhancement of germ tube formation in *Candida albicans* by β -endorphin (Witkin and Kalo-Klein). 1991;164:917-20

Regulation of the immune response to *Candida albicans* by monocytes and progesterone (Kalo-Klein and Witkin). 1991;164:1351-4

Carcinoma, squamous cell

Stage IB squamous cell cancer of the cervix: clinicopathologic features related to survival (Hopkins and Morley). 1991;164:1520-9

Trends in the operative management of invasive squamous carcinoma of the vulva at Indiana University, 1974 to 1988 (Sutton et al). 1991;164:1472-81

The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy (Scambia et al). 1991;164:631-6

Carcinoma staging; see Neoplasm staging

Cardiac function tests; see Heart function tests

Cardiac output, animal

The effect of volume expansion on placental blood flow in

- Cardiac output, animal—cont'd**
awake hypovolemic rats in late pregnancy (Boekkooi et al). 1991;164:921-6
- Cardinal ligament; see Ligaments**
- Cardiopulmonary bypass**
Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)
- Cardiotocography**
The contributions of the nurse and the machine in home uterine activity monitoring systems (Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)
- Cardiovascular diseases**
Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort (Wolf et al). 1991;164:489-94
- Carnitine**
The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al). 1991;164:1481-90
- Carriers, genetic, detection; see Heterozygote detection**
- Catechol methyltransferase**
Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimir et al). 1991;164:599-603
- Catecholamines**
Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimir et al). 1991;164:599-603
- Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7
- Factors influencing the initiation of nonshivering thermogenesis (Gunn et al). 1991;164:210-7
- Cefoxitin**
Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62
- Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al). 1991;164:849-58
- A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6
- Ceftriaxone**
Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3
- Cell adhesion molecules**
Cell adhesion molecules and the regulation of development (Cunningham). 1991;164:939-48
- Cell-mediated immunity; see Immunity, cellular**
- Cells, cultured**
Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al). 1991;164:204-10
- Central Association of Obstetricians and Gynecologists**
Transactions of the fifty-eighth annual meeting of the Central Association of Obstetricians and Gynecologists. 1991;164:1401-542
- Central nervous system**
Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al). 1991;164:121-8
- The role of the transcerbellar view in the detection of fetal central nervous system anomaly (Hill et al). 1991;164:1220-4
- Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters (Timmer-Tritsch et al). 1991;164:497-503
- Cerclage; see Cervix incompetence**
- Cerebellum**
The role of the transcerbellar view in the detection of fetal central nervous system anomaly (Hill et al). 1991;164:1220-4
- Cerebral aneurysm**
Evaluation of an aneurysm of the vein of Galen in utero by pulsed and color Doppler ultrasonography (Ishimatsu et al). 1991;164:743-4
- Cerebral palsy**
Neonatal complications at term as related to the degree of umbilical artery acidemia (Winkler et al). 1991;164:637-41
- Cerebral veins**
Evaluation of an aneurysm of the vein of Galen in utero by pulsed and color Doppler ultrasonography (Ishimatsu et al). 1991;164:743-4
- Cervical cancer; see Cervix neoplasms**
- Cervical dilation; see Labor**
- Cervical neoplasia; see Cervix neoplasms**
- Cervicitis**
Chlamydia trachomatis: female pelvic infection (Faro). 1991;164:1767-70
Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3
- Cervix dysplasia**
The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression (Schäfer et al). 1991;164:593-9
- Cervix incompetence**
Dilation despite cervical cerclage: a diagnostic pitfall (Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)
Transabdominal cervicoisthmic cerclage: a reappraisal 25 years after its introduction (Novy). 1991;164:1635-42
- Cervix mucous**
The importance of the postcoital test (Check) (Letter); (Grimes and Griffith) (Reply). 1991;164:932-3
- Cervix neoplasms**
Clinical implications of screening for cervical cancer under Medicare (Mandelblatt et al). 1991;164:644-51 (Curr. dev.)
Dissection of the cardinal ligament in radical hysterectomy for cervical cancer with emphasis on the lateral ligament (Yabuki et al). 1991;164:7-14 (Clin. opinion)
The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression (Schäfer et al). 1991;164:593-9
Laparoscopic pelvic lymphadenectomy in the staging of early carcinoma of the cervix (Querleu et al). 1991;164:579-81
Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? (Reid et al). 1991;164:1461-71
Stage IB squamous cell cancer of the cervix: clinicopatho-

- logic features related to survival (Hopkins and Morley). 1991;164:1520-9
- The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy (Scambia et al.). 1991;164:631-6
- Cervix uteri**
- Dilatation despite cervical cerclage: a diagnostic pitfall (Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)
- A new model for objective assessment of cervical ripening: the effect of prostaglandin E₂ and prelabor contractility (Takahashi et al.). 1991;164:1115-8
- Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? (Reid et al.). 1991;164:1461-71
- The use of the Cytobrush cervical sampler in patients with cervical stenosis (Hoffman et al.). 1991;164:52-3
- Cesarean section**
- The Allis test for easy cesarean delivery (Finan et al.). 1991;164:772-5
- Early neonatal mortality and cesarean delivery in Mexico City (Bobadilla and Walker). 1991;164:22-8
- Low-risk cesarean section prophylaxis issue still unsettled (Pearlman et al.) (Letter); (Ehrenkranz et al.) (Reply). 1991;164:232-4
- Susceptibility of female pelvic pathogens to oral antibiotic agents in patients who develop postpartum endometritis (Martens et al.). 1991;164:1383-6
- Chemotherapy, antineoplastic:** see **Antineoplastic agents**
- Child development**
- Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al.). 1991;164:121-8
- Chlamydia infections**
- Chlamydia trachomatis*: female pelvic infection (Faro). 1991;164:1767-70
- Chlamydia trachomatis* infection during pregnancy (McGregor and French). 1991;164:1782-9
- Chlamydial infection and pregnancy outcome (Forster et al.) (Letter); (Ryan) (Reply). 1991;164:234
- Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81
- New treatments for *Chlamydia trachomatis* (Jones). 1991;164:1789-93
- The role of azalide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6
- Chlamydia trachomatis*
- Chlamydia trachomatis*: female pelvic infection (Faro). 1991;164:1767-70
- Chlamydia trachomatis* infection during pregnancy (McGregor and French). 1991;164:1782-9
- The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9
- Cost-effectiveness of prenatal testing for *Chlamydia trachomatis* (Nettleman and Bell). 1991;164:1289-94
- Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al.). 1991;164:1380-3
- Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction (Pao et al.). 1991;164:1295-9
- New treatments for *Chlamydia trachomatis* (Jones). 1991;164:1789-93
- A randomized trial of ofloxacin versus cefoxitin and dox-
- ycycline in the outpatient treatment of acute salpingitis (Wendel et al.). 1991;164:1390-6
- The role of azalide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6
- Cholesterol**
- Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al.). 1991;164:187-94
- Chorioamnionitis**
- Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al.). 1991;164:859-62
- Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al.). 1991;164:1261-4
- Choriocarcinoma**
- Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al.). 1991;164:204-10
- Prognostic factors in gestational trophoblastic tumors: a proposed new scoring system based on multivariate analysis (Lurain et al.). 1991;164:611-6
- Chorion**
- Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimir et al.). 1991;164:599-603
- The clinical implications of subchorionic placental lucencies (Katz et al.). 1991;164:99-100
- Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al.). 1991;164:1145-50
- Choristoma**
- Endosalpingiosis as a cause of chronic pelvic pain (Davies and Maclin). 1991;164:495-6
- Choroid plexus**
- Fetal choroid plexus cysts in the second trimester of pregnancy: a cause for concern (Platt et al.). 1991;164:1652-6
- Chromatography, high pressure liquid**
- Decreased levels of polyunsaturated fatty acids in pre-eclampsia (Wang et al.). 1991;164:812-8
- Chromosomes**
- Frontothalamic measurement in the second trimester of pregnancy (Crade et al.). 1991;164:704-5 (Letter)
- Cisplatin**
- Toxicities in rats with free versus liposomal encapsulated cisplatin (Potkul et al.). 1991;164:652-8
- Climacteric**
- Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al.). 1991;164:1163-8
- Clindamycin**
- Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al.). 1991;164:1556-62
- Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al.). 1991;164:849-58
- Clinical opinion**
- Clinical opinion. 1991;164:2-14, 467-76, 711-21, 1072-83, 1155-62
- Clostridium histolyticum collagenase**
- Human amniotic fluid modulation of collagenase production in cultured fibroblasts (Vadillo-Ortega et al.). 1991;164:664-8

Clothing

Panty hose—pants disease (Turner). 1991;164:1366 (Letter)

CMV infection; see Cytomegaloviruses**Coagulation**

Coagulation changes on natural estrogens (Coope). 1991;164:236 (Letter)

Cocaine

The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al.). 1991;164:625-30

Cocaine and the use of alcohol and other drugs during pregnancy (Streissguth et al.). 1991;164:1299-43

Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al.). 1991;164:182-7

Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes (Owiny et al.). 1991;164:658-63

Effect of intravenous cocaine on uterine blood flow in the gravid baboon (Morgan et al.). 1991;164:1021-30

Cochlea

Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation (Parkes et al.). 1991;164:1336-43

Coffee

Coffee during pregnancy: A reproductive hazard? (Narod et al.). 1991;164:1109-14 (Curr. dev.)

Colchicine

Regulation of CA 125 production by amnion and WISH cells in culture (Barbati et al.). 1991;164:1355-9

Collagenase; see Clostridium histolyticum collagenase**Color Doppler ultrasonography; see Ultrasonography****Colporrhaphy; see Vagina****Colposcopy**

Cervical findings in rape victims (Slaughter and Brown). 1991;164:528-9

Computerized digital colposcopy (Mikhail and Romney (Letter); (Crisp et al.) (Reply). 1991;164:1364-5

Compliance

Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits (Tabor et al.). 1991;164:675-81

A risk-benefit analysis of elective bilateral oophorectomy: effect of changes in compliance with estrogen therapy on outcome (Speroff et al.). 1991;164:165-74 (Curr. dev.)

Computerized digital colposcopy; see Colposcopy**Condyloma acuminata**

Therapy of persistent human papillomavirus disease with two different interferon species (Gall et al.). 1991;164:130-4

Congenital defects; see Abnormalities**Congestive heart failure; see Heart failure, congestive****Conjunctivitis**

Chlamydia trachomatis infection during pregnancy (McGregor and French). 1991;164:1782-9

Consensus interferon; see Interferons**Contraceptive devices**

A comparison of flurbiprofen, tranexamatic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al.). 1991;164:879-83

Contraceptives, oral

The effect of tetracycline on levels of oral contraceptives (Murphy et al.). 1991;164:28-33

Oral contraceptives and antithrombin III: variations by dos-

age and ABO blood group (Burkman et al.). 1991;164:1453-60

Ovarian response in superovulated cycles after suppression with oral contraceptive steroids (Burry et al.). 1991;164:1592-6

Cord blood; see Fetal blood**Cordocentesis; see Fetal blood****Corpus luteum hormones**

The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle (Soules et al.). 1991;164:989-96

Corpus luteum regression

The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle (Soules et al.). 1991;164:989-96

Corrections

Definition of fetal asphyxia (Clark) (Letter); (Johnson and Richards) (Reply). 1990;163:1364. 1991;164:1359

Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery (Manabe and Yoshida) (1990;163:52-6). 1991;164:707

Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization (Silver et al.). 1990;163:19-25. 1991;164:1359

Correspondence

Letters. 1991;164:231-7, 698-707, 931-6, 1151-3, 1360-6, 1686-91

Corticosteroids; see Adrenal cortex hormones**Cost benefit analysis**

Cost-effectiveness of prenatal testing for *Chlamydia trachomatis* (Nettleman and Bell). 1991;164:1289-94

Glucose challenge testing in pregnancy (Neilson et al.). 1991;164:1673-9

Patient costs for prophylaxis and treatment of obstetric and gynecologic surgical infections (Stein). 1991;164:1377-80

Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? (Reid et al.). 1991;164:1461-71

Ultrasonography in obstetrics and gynecology: the state of the art in 1990—panel discussion. 1991;164:1044

Cost effectiveness; see Cost benefit analysis**Creatinine**

Sutre entrapment and secondary ureteral obstruction (Stanhope et al.). 1991;164:1513-9

Cross-sectional studies

The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al.). 1991;164:625-30

Cross-sectional analysis of triplet birth weight (Jones et al.). 1991;164:135-40

Culture media

Regulation of CA 125 production by amnion and WISH cells in culture (Barbati et al.). 1991;164:1355-9

Current development

Current development. 1991;164:165-74, 218-30, 644-51, 888-95, 1109-14, 1317-26

Cyclic adenosine monophosphate; see Adenosine cyclic monophosphate**Cyproterone**

Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al.). 1991;164:1163-8

Cystic fibrosis

Carrier screening for cystic fibrosis: implications for obstetric and gynecologic practice (Elias et al). 1991;164:1077-83 (Clin. opinion)

Cytokines

Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer (Berek et al). 1991;164:1038-43

Cytology

Cervical human papillomavirus deoxyribonucleic acid and cytologic evaluations in gynecologic outpatients (Niemenen et al). 1991;164:1265-9

The use of the Cytobrush cervical sampler in patients with cervical stenosis (Hoffman et al). 1991;164:52-3

Cytomegaloviruses

Cytomegalovirus infection (Hershey). 1991;164:1687 (Letter)

D

Danazol

Hormonal inhibition of the endometrium for resectoscopic endometrial ablation (Brooks et al). 1991;164:1601-8

Metabolic effects of danazol (Williams) (Letter); (Seifer) (Reply). 1991;164:933-4

Deceleration

Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al). 1991;164:1281-9

Decision making

Cost-effectiveness of prenatal testing for *Chlamydia trachomatis* (Nettleman and Bell). 1991;164:1289-94

Vaginal birth after cesarean section: the impact of patient resistance to a trial of labor (Joseph et al). 1991;164:1441-7

Deformities; see Abnormalities

Delivery

Epidemiologic characteristics of preterm delivery: etiologic heterogeneity (Savitz et al). 1991;164:467-71 (Clin. opinion)

Fetal-neonatal thrombocytopenia: Mode of delivery? (Levy) (Letter); (Burrows and Kelton) (Reply). 1991;164:1362-3

Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors (Catalano et al). 1991;164:1303-6

Questions about prophylactic intrapartum amnioinfusion (Chauhan) (Letter); (Strong) (Reply). 1991;164:1365-6

Delivery of health care

Winter hath hope of spring (Malinak). 1991;164:1401-8
(Pres. address)

Deoxyribonucleic acid; see DNA

Diabetes in pregnancy; see Pregnancy in diabetes

Diabetes insipidus

Transient postpartum diabetes insipidus (Raziel et al). 1991;164:616-8

Diabetes mellitus, insulin dependent

Metabolic effects of danazol (Williams) (Letter); (Seifer) (Reply). 1991;164:933-4

Diabetic mothers; see Pregnancy in diabetes

Diagnostic errors

Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81

Diagnostic tests

The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease (Sellors et al). 1991;164:113-20

Comparative efficacy of umbilical arterial Doppler indices

for predicting adverse perinatal outcome (Maulik et al). 1991;164:1434-40

Diastole

Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203

Diet

Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark (Olsen et al). 1991;164:1203-9

Dihydralazine

Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppo-zada et al). 1991;164:1229-32

Dilatation

Dilatation despite cervical cerclage: a diagnostic pitfall (Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)

Dinoprostone

A new model for objective assessment of cervical ripening: the effect of prostaglandin E₂ and prelabor contractility (Takahashi et al). 1991;164:1115-8

DNA

Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction (Pao et al). 1991;164:1295-9

Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes (Milunsky et al). 1991;164:751-5

DNA gyrase

Antimicrobials in the 1990s: expanded options for effective patient care—summary (Faro). 1991;164:1399-400

DNA probes

Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes (Milunsky et al). 1991;164:751-5

DNA probes, HPV

Cervical human papillomavirus deoxyribonucleic acid and cytologic evaluations in gynecologic outpatients (Niemenen et al). 1991;164:1265-9

Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? (Reid et al). 1991;164:1461-71

Doppler echocardiography; see Echocardiography, Doppler

Doppler ultrasonography; see Ultrasonography; Ultrasonography, prenatal

Doppler velocimeters; see Flowmeters

Down regulation, animal

Comparison of pulsatile and continuous ritodrine administration: effects on uterine contractility and β-adrenergic receptor cascade (Caritis et al). 1991;164:1005-12

Down's syndrome

The transverse cerebellar diameter in the second trimester is unaffected by Down syndrome (Hill et al). 1991;164:101-3

Doxycycline

Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β-lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62

Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al). 1991;164:849-58

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6

Doxycycline—cont'd

The role of azalide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6

Drug abuse; see Substance abuse**Ductus arteriosus**

The effects of indomethacin and a β -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study (Eronen et al.). 1991;164:141-6

Dyspareunia

Vulvar vestibulitis: prevalence and historic features in a general gynecologic practice population (Goetsch). 1991;164:1609-16

Dystocia

The Allis test for easy cesarean delivery (Finan et al.). 1991;164:772-5

E**Echocardiography**

Cardiac function in fetuses of type I diabetic mothers (Rizzo et al.). 1991;164:837-43

Echocardiography, Doppler

Cardiac function in fetuses of type I diabetic mothers (Rizzo et al.). 1991;164:837-43

The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow (Pines et al.). 1991;164:806-12

Evaluation of changes in umbilical blood flow in the fetal lamb by Doppler waveform analysis (Schmidt et al.). 1991;164:1118-26

Ectopic pregnancy; see Pregnancy, ectopic**Ectopic tissue; see Choristoma****Edema**

The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al.). 1991;164:1197-202

Editorials

Editorials. 1991;164:1, 709-10

Editors

A change in the masthead. 1991;164:1 (Editorial)

Elderly; see Aged**Electrocardiography**

Continuous electrocardiographic monitoring in hypertensive crises in pregnancy (Naidoo et al.). 1991;164:530-3

The intrauterine probe electrode (Strong et al.). 1991;164:1233-4

Electrodes

The intrauterine probe electrode (Strong et al.). 1991;164:1233-4

Electron microscopy, transmission; see Microscopy, electron**Electrophysiology**

Characterization of sodium channels in cultured human uterine smooth muscle cells (Young and Herndon-Smith). 1991;164:175-81

Passive membrane properties and inward calcium current of human uterine smooth muscle cells (Young et al.). 1991;164:1132-9

Embolism

Pregnancy-related mortality in New York City, 1980 to 1984: causes of death and associated risk factors (Syverson et al.). 1991;164:603-8

Embolism, amniotic fluid

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and

pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)

Embryo development; see Fetal development**Embryo transfer**

Heterotopic pregnancies after in vitro fertilization and embryo transfer (Rizk et al.). 1991;164:161-4

Endoscopy; see Endoscopy**Endodermal sinus tumor; see Mesonephroma****Endometrial cancer; see Uterine neoplasms****Endometriosis**

Endometriosis associated with massive ascites and absence of pelvic peritoneum (Williams and Wagaman). 1991;164:45-6

Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro (Olive et al.). 1991;164:953-8

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al.). 1991;164:949-52

c-myc Protooncogene polypeptide expression in endometriosis (Schenken et al.). 1991;164:1031-7

The use of potassium-titanium-phosphate laser for laparoscopic removal of ovarian endometrioma (Marrs). 1991;164:1622-8

Endometriosis, animal

Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al.). 1991;164:187-94

Endometritis

Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81

Susceptibility of female pelvic pathogens to oral antibiotic agents in patients who develop postpartum endometritis (Martens et al.). 1991;164:1383-6

Endometrium

Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al.). 1991;164:1145-50

Endometrial thickness as measured by endovaginal ultrasound for identifying endometrial abnormality (Granberg et al.). 1991;164:47-52

Hormonal inhibition of the endometrium for resectoscopic endometrial ablation (Brooks et al.). 1991;164:1601-8

Endometrium, animal

Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro (Olive et al.). 1991;164:953-8

Endosalpingiosis; see Choristoma**Endoscopy**

Endoscopy: old technique new for the 1990s? (Ghirardi) (Letter); (Cullen et al) (Reply). 1991;164:1361-2

Endoscopic sclerotherapy in extrahepatic portal hypertension in pregnancy (Pauzner et al.). 1991;164:152-3

Endoscopy, uterine; see Hysteroscopy**Endothelins**

Amniotic endothelin increase during pregnancy (Raboni et al.). 1991;164:237 (Letter)

Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6

Human placenta expresses endothelin gene and corresponding protein is excreted in urine in increasing

- amounts during normal pregnancy (Benigni et al). 1991;164:844-8
- Endothelium**
Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50
- Endothelium-derived relaxing factor**
The action of nitric oxide in the perfused human fetal-placental circulation (Myatt et al). 1991;164:687-92
- Endothelial-derived relaxing factor released by endothelial cells of human umbilical vessels and its impairment in pregnancy-induced hypertension (Pinto et al). 1991;164:507-13
- Endotracheal intubation; see Intubation, intratracheal**
- Epidermal growth factor receptors; see Receptors, epidermal growth factor-urogastrone**
- Epidermal growth factor-urogastrone**
Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer (Berchuck et al). 1991;164:669-74
Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor (Rodriguez et al). 1991;164:745-50
- Epilepsy**
Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al). 1991;164:121-8
- Episiotomy**
Pelvic muscles and episiotomy (Cosner et al) (Letter); (Thorp and Bowes) (Reply). 1991;164:936
- Epithelium**
Endosalpingiosis as a cause of chronic pelvic pain (Davies and Maclin). 1991;164:495-6
Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer (Berchuck et al). 1991;164:669-74
Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor (Rodriguez et al). 1991;164:745-50
Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy (Sonek et al). 1991;164:1174-80
- Erythrocytes**
Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark (Olsen et al). 1991;164:1203-9
- Erythromycin**
A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42
- Estradiol**
Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66
Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al). 1991;164:1163-8
- Estradiol receptors; see Receptors, estradiol**
- Estrogen receptors; see Receptors, estrogen**
- Estrogen replacement therapy**
Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al). 1991;164:1163-8
Coagulation changes on natural estrogens (Coope). 1991;164:236 (Letter)
The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow (Pines et al). 1991;164:806-12
Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort (Wolf et al). 1991;164:489-94
A risk-benefit analysis of elective bilateral oophorectomy: effect of changes in compliance with estrogen therapy on outcome (Speroff et al). 1991;164:165-74 (Curr. dev)
Vasoactive intestinal polypeptide loses its ability to increase vaginal blood flow after menopause (Palle et al). 1991;164:556-8
- Estrogens**
Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66
Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro (Olive et al). 1991;164:953-8
Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al). 1991;164:187-94
- Ethics, medical**
Residency training and abortion (Rosenfield). 1991;164:1686 (Letter)
- Ethics, professional**
Attitudes on the ethics of abortion, sex selection, and selective pregnancy termination among health care professionals, ethicists, and clergy likely to encounter such situations (Evans et al). 1991;164:1092-9
- Ethinyl estradiol**
The effect of tetracycline on levels of oral contraceptives (Murphy et al). 1991;164:28-33
Oral contraceptives and antithrombin III: variations by dosage and ABO blood group (Burkman et al). 1991;164:1453-60
- Exomphalos; see Hernia, umbilical**
- F**
- Fallopian tube diseases**
Endosalpingiosis as a cause of chronic pelvic pain (Davies and Maclin). 1991;164:495-6
- Fallopian tube patency tests**
Hysterosalpingography with color Doppler ultrasonography (Peters and Coulam). 1991;164:1530-4
- Fascia lata, transplantation**
Fertility retention in the patient with genital prolapse (Nichols). 1991;164:1155-8 (Clin. opinion)
- Fatty acids**
Decreased levels of polyunsaturated fatty acids in pre-eclampsia (Wang et al). 1991;164:812-8
Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark (Olsen et al). 1991;164:1203-9
- Fatty liver**
Should routine liver biopsy be done for the definite diag-

Fatty liver—cont'd

nosis of acute fatty liver of pregnancy? (Minakami et al) (Letter); (Barton and Sibai) (Reply). 1991;164:1690-1

Fertility

Fertility retention in the patient with genital prolapse (Nichols). 1991;164:1155-8 (Clin. opinion)

Fertilization

Prospective analysis of sperm-oocyte fusion and reactive oxygen species generation as criteria for the diagnosis of infertility (Aitken et al). 1991;164:542-51

Fertilization in vitro

Heterotopic pregnancies after in vitro fertilization and embryo transfer (Rizk et al). 1991;164:161-4

Multinuclear spermatozoa associated with polyploidy (Parikh et al). 1991;164:128-9

Ovarian response in superovulated cycles after suppression with oral contraceptive steroids (Burry et al). 1991;164:1592-6

Pregnancy rates after peritoneal ovum-sperm transfer (Coulam et al). 1991;164:1447-52

Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects (Oehninger et al). 1991;164:1210-5

Fetal anoxia

Mechanisms of asphyxial brain damage, and possible pharmacologic interventions, in the fetus (Espinoza and Parer). 1991;164:1582-91

Fetal asphyxia; see Fetal anoxia**Fetal biophysical profile; see Fetal monitoring****Fetal blood**

The action of nitric oxide in the perfused human fetal-placental circulation (Myatt et al). 1991;164:687-92

Anesthesia and folic acid-base values (Camann) (Letter); (Shyken et al) (Reply). 1991;164:1360-1

The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63

The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al). 1991;164:1481-90

Fetal thyroid-stimulating hormone response to maternal administration of thyrotropin-releasing hormone (Thorpe-Beeston et al). 1991;164:1244-5

In utero diagnosis and management of fetal subdural hematoma (Rotmensch et al). 1991;164:1246-8

Serum levels of inhibin in maternal and umbilical blood during pregnancy (Tabei et al). 1991;164:896-900

Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy (Jaffe and Warsof). 1991;164:781-5

Umbilical cord ulceration and intestinal atresia: A new association? (Bendon et al). 1991;164:582-6

Fetal blood, animal

Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203

The effect of volume expansion on placental blood flow in awake hypovolemic rats in late pregnancy (Boekkooi et al). 1991;164:921-6

Evaluation of changes in umbilical blood flow in the fetal lamb by Doppler waveform analysis (Schmidt et al). 1991;164:1118-26

Fetal brain damage; see Brain injuries

Fetal breathing movements; see Fetal organ maturity

Fetal death

Early neonatal mortality and cesarean delivery in Mexico City (Bobadilla and Walker). 1991;164:22-8

Fetal death associated with measles virus infection of the placenta (Moroi et al). 1991;164:1107-8

Fetal subdural hematoma before labor (Gunn and Becroft) (Letter); (Myers) (Reply). 1991;164:934-5

Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant (Mari and Wasserstrum). 1991;164:776-8

Genotyping of macerated stillborn fetuses (Derom et al). 1991;164:797-800

Hospital setting and fetal death during labor among women at low risk (Albers and Savitz). 1991;164:868-73

Intravenous immunoglobulin treatment of recurrent pregnancy loss and antiphospholipid antibodies (Orvieto et al). 1991;164:1687-8 (Letter)

Significance of oligohydramnios complicating pregnancy (Shenker et al). 1991;164:1597-600

Fetal development

Cell adhesion molecules and the regulation of development (Cunningham). 1991;164:939-48

Cross-sectional analysis of triplet birth weight (Jones et al). 1991;164:135-40

Frontothalamic measurement in the second trimester of pregnancy (Crude et al). 1991;164:704-5 (Letter)

The role of the placenta in nutrition of the human fetus (Schneider). 1991;164:967-73

Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results (Thornton et al). 1991;164:154-60

Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters (Timor-Tritsch et al). 1991;164:497-503

The transverse cerebellar diameter in the second trimester is unaffected by Down syndrome (Hill et al). 1991;164:101-3

Fetal development, animal

Immunohistochemical localization of gonadotropin-releasing hormone during implantation in the New Zealand White rabbit (Bergh et al). 1991;164:1127-31

Fetal diseases, animal

Evaluation of changes in umbilical blood flow in the fetal lamb by Doppler waveform analysis (Schmidt et al). 1991;164:1118-26

Fetal distress

Fetal distress (Ramasubramanian et al). 1991;164:1151-2 (Letter)

Fetal electrocardiogram; see Electrocardiography**Fetal growth retardation**

Comparison of associated high-risk factors and perinatal outcome between symmetric and asymmetric fetal intrauterine growth retardation (Lin et al). 1991;164:1535-42

The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al). 1991;164:1481-90

Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant (Mari and Wasserstrum). 1991;164:776-8

The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy (El-Roeiy et al). 1991;164:1253-61

Fetal heart

Cardiac function in fetuses of type I diabetic mothers (Rizzo et al.). 1991;164:837-43

Fetal heart rate; see Heart rate, fetal

Fetal hydrops; see Hydrops fetalis

Fetal macrosomia

Glucose challenge testing in pregnancy (Neilson et al.). 1991;164:1673-9

Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al.). 1991;164:103-11

Postterm infants: Too big or too small? (McLean et al.). 1991;164:619-24

Fetal membranes

Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimir et al.). 1991;164:599-603

Progress in pathogenesis and management of clinical intraamniotic infection (Gibbs and Duff). 1991;164:1317-26 (Curr. dev.)

Fetal membranes, animal

Rapid intramembranous absorption into the fetal circulation of arginine vasopressin injected intraamniotically (Gilbert et al.). 1991;164:1013-20

Fetal membranes, premature rupture

Amniotic fluid glucose and intraamniotic infection (Kirshon et al.). 1991;164:818-20

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al.). 1991;164:728-33

Chlamydia trachomatis infection during pregnancy (McGregor and French). 1991;164:1782-9

Epidemiologic characteristics of preterm delivery: etiologic heterogeneity (Savitz et al.). 1991;164:467-71 (Clin. opinion)

Fetal breathing movements after preterm premature rupture of membranes (Roberts et al.). 1991;164:821-5

Fetal urine output does not influence residual amniotic fluid volume after premature rupture of membranes (Watson et al.). 1991;164:64-5

Human amniotic fluid modulation of collagenase production in cultured fibroblasts (Vadillo-Ortega et al.). 1991;164:664-8

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent preterm delivery (Eschenbach et al.). 1991;164:734-42

The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al.). 1991;164:38-41

Significance of oligohydramnios complicating pregnancy (Shenker et al.). 1991;164:1597-600

Fetal monitoring

The contributions of the nurse and the machine in home uterine activity monitoring systems (Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)

Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al.). 1991;164:1281-9

Fetal vibratory acoustic stimulation in twin gestations with simultaneous fetal heart rate monitoring (Sherer et al.). 1991;164:1104-6

Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant (Mari and Wasserstrum). 1991;164:776-8

The intrauterine probe electrode (Strong et al.). 1991;164:1233-4

Prevention of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring (Dyson et al.). 1991;164:756-62

The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al.). 1991;164:38-41

Fetal movement

Fast-scan magnetic resonance imaging in fetal visualization (Garden et al.). 1991;164:1190-6

Fetal panting: yet another response to the external vibratory acoustic stimulation test (Sherer et al.). 1991;164:591-2

Fetal movement, animal

Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation (Parkes et al.). 1991;164:1336-43

Fetal organ maturity

Fetal breathing movements after preterm premature rupture of membranes (Roberts et al.). 1991;164:821-5

Frontothalamic measurement in the second trimester of pregnancy (Crade et al.). 1991;164:704-5 (Letter)

Fetal organ maturity, animal

Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits (Tabor et al.). 1991;164:675-81

Fetal outcome; see Pregnancy outcome

Fetal-placental circulation; see Fetal blood

Fetal proteins

Maternal serum α -fetoprotein screening: further consideration of low-volume testing (Strickland et al.). 1991;164:711-4 (Clin. opinion)

Fetal tissue transplantation, animal

Transplantation of fetal cells (Crombleholme et al.). 1991;164:218-30 (Curr. dev.)

Fetofetal transfusion

Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al.). 1991;164:1426-33

Fetomaternal transfusion

Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al.). 1991;164:1216-9

Fetus, abnormalities

Fetal choroid plexus cysts in the second trimester of pregnancy: a cause for concern (Platt et al.). 1991;164:1652-6

Fetal ovarian cysts: prenatal ultrasonographic detection and postnatal evaluation and treatment (Meizner et al.). 1991;164:874-8

Mild fetal lateral cerebral ventriculomegaly: clinical course and outcome (Bromley et al.). 1991;164:863-7

Venous Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al.). 1991;164:33-7

Webster should not affect prenatal diagnosis (Barr et al.) (Letter); (Chavkin and Rosenfield) (Reply). 1991;164:706-7

Fetus, anatomy

Fast-scan magnetic resonance imaging in fetal visualization (Garden et al.). 1991;164:1190-6

Fetus, ultrasonography

The roles of ultrasonography and amniocentesis in evaluation of elevated maternal serum α -fetoprotein (Lindfors et al.). 1991;164:1571-6

Fetus, urine

Fetal urine output does not influence residual amniotic fluid volume after premature rupture of membranes (Watson et al.). 1991;164:64-5

Fibroadenosis; see Adenofibroma**Fibroblasts**

Human amniotic fluid modulation of collagenase production in cultured fibroblasts (Vadillo-Ortega et al.). 1991;164:664-8

Fibrocystic disease of breast

Fibrocystic disease of the breast in premenopausal women: histohormonal correlation and response to luteinizing hormone-releasing hormone analog treatment (Monsoñegro et al.). 1991;164:1181-9

First trimester of pregnancy; see Pregnancy trimester, first**Fistula**

Spontaneous ovarian-to-vaginal fistula: a case report (Claman et al.). 1991;164:71-2

Flow velocity waveforms; see Blood flow velocity**Flowmeters**

The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63

Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al.). 1991;164:1426-33

Fluorescins

Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keeffe et al.). 1991;164:959-66

Fluoxetine

A selective serotonin reuptake inhibitor, fluoxetine hydrochloride, modulates the pulsatile release of prolactin in postmenopausal women (Urban and Veldhuis). 1991;164:147-52

Flurbiprofen

A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al.). 1991;164:879-83

Follicular phase

The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle (Soules et al.). 1991;164:989-96

Follow-up studies

Ten-year follow-up of patients with secondary amenorrhea and normal prolactin (Davajan et al.). 1991;164:1666-72

Forskolin

Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al.). 1991;164:204-10

Funic blood; see Fetal blood**G****Genes, myc**

c-myc Protooncogene polypeptide expression in endometriosis (Schenken et al.). 1991;164:1031-7

Genetic counseling

Genotyping of macerated stillborn fetuses (Derom et al.). 1991;164:797-800

Low level of maternal serum α -fetoprotein: its associated anxiety and the effects of genetic counseling (Keenan et al.). 1991;164:54-6

Genetic screening

Carrier screening for cystic fibrosis: implications for obstetric and gynecologic practice (Elias et al.). 1991;164:1077-83 (Clin. opinion)

Maternal serum α -fetoprotein screening: further consideration of low-volume testing (Strickland et al.). 1991;164:711-4 (Clin. opinion)

Genetics

A prospective genetic study of complete and partial hydatidiform moles (Lawler et al.). 1991;164:1270-7

Restriction fragment length polymorphism analysis to study the genetic origin of complete hydatidiform mole (Ko et al.). 1991;164:901-6

Genital diseases, female

Antisperm antibodies to sperm surface antigens in women with genital tract infection (Cunningham et al.). 1991;164:791-6

Ultrasonography in the diagnosis of gynecologic disorders (Willson). 1991;164:1064-71

Genital herpes; see Herpes genitalis**Genital neoplasms, female**

Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al.). 1991;164:997-1004

The value of squamous cell carcinoma antigen in patients with locally advanced cervical cancer undergoing neoadjuvant chemotherapy (Scambia et al.). 1991;164:631-6

Genital prolapse; see Uterine prolapse**Genotype**

Genotyping of macerated stillborn fetuses (Derom et al.). 1991;164:797-800

Gestational age

Birth weights of infants of black and white mothers without pregnancy complications (Hulsey et al.). 1991;164:1299-302

The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al.). 1991;164:1481-90

Gestational age in relation to marine n-3 fatty acids in maternal erythrocytes: a study of women in the Faroe Islands and Denmark (Olsen et al.). 1991;164:1203-9

Gestational diabetes; see Pregnancy in diabetes**Gestational trophoblastic tumor; see Trophoblastic tumor****Giant cell arteritis; see Temporal arteritis****Gliomatosis peritonei; see Ovarian neoplasms****Glucose**

Amniotic fluid glucose and intraamniotic infection (Kirshon et al.). 1991;164:818-20

Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al.). 1991;164:103-11

Glucose tolerance test

Effect of subject height on the result for the fifty-gram oral glucose tolerance test (Phillipou). 1991;164:698 (Letter)

Glucose challenge testing in pregnancy (Neilson et al.). 1991;164:1673-9

Reproducibility of the oral glucose tolerance test in pregnancy (Harlass et al.). 1991;164:564-8

Glycerol trinitrate

The hemodynamic effects of intubation during nitroglycerin infusion in severe preeclampsia (Longmire et al.). 1991;164:551-6

Glycosylated hemoglobin; see Hemoglobin A, glycosylated**GnRH; see Gonadorelin**

Goiter

The effects of iodoprophylaxis on thyroid size during pregnancy (Romano et al). 1991;164:482-5

Gonadorelin

Fibrocystic disease of the breast in premenopausal women: histohormonal correlation and response to luteinizing hormone-releasing hormone analog treatment (Monso-nego et al). 1991;164:1181-9

Immunohistochemical localization of gonadotropin-releasing hormone during implantation in the New Zealand White rabbit (Bergh et al). 1991;164:1127-31

A randomized trial evaluating leuproreotide acetate before hysterectomy as treatment for leiomyomas (Stovall et al). 1991;164:1420-5

Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al). 1991;164:187-94

Gonadotropin-releasing hormone; see Gonadorelin

Gonadotropins, chorionic

hCG or β -hCG or hCG β -subunit or hCG + hCG β -subunit? (Kuss) (Letter); (Schiff et al) (Reply). 1991;164:1689

Gonadotropins, pituitary

Ovarian response in superovulated cycles after suppression with oral contraceptive steroids (Burry et al). 1991;164:1592-6

Gonorrhea

The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9

Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al). 1991;164:849-58

Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6

The role of azalide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6

Graft vs. host disease

Transplantation of fetal cells (Crombleholme et al). 1991;164:218-30 (Curr. dev.)

Growth retarded fetus; see Fetal growth retardation

Gynecologic diseases; see Genital diseases, female

Gynecologic neoplasms; see Genital neoplasms, female

H

Hallermann's syndrome

Successful pregnancy in a patient with Hallermann-Streiff syndrome (Hendrix and Sauer). 1991;164:1102-4

hCG; see Gonadotropins, chorionic

Health care delivery; see Delivery of health care

Heart auscultation

Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al). 1991;164:1281-9

Heart failure, congestive

Ventricular Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al). 1991;164:33-7

Heart function tests

Cardiac function in fetuses of type I diabetic mothers (Rizzo et al). 1991;164:837-43

Heart rate, fetal

Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al). 1991;164:1281-9

Fetal vibratory acoustic stimulation in twin gestations with simultaneous fetal heart rate monitoring (Sherer et al). 1991;164:1104-6

The intrauterine probe electrode (Strong et al). 1991;164:1233-4

The significance of amniotic fluid volume during intrapartum fetal acoustic stimulation (Sarno). 1991;164:1100-1 Umbilical artery blood flow velocity waveforms during variable decelerations of the fetal heart rate (Weiss et al). 1991;164:534-40

Heart rate, fetal, animal

Behavioral changes in fetal sheep caused by vibroacoustic stimulation: the effects of cochlear ablation (Parkes et al). 1991;164:1336-43

HELLP syndrome; see Pregnancy complications, hematologic

Hemangiosarcoma

Angiosarcoma of the uterus: a case report (Quinonez et al). 1991;164:90-2

Hematoma, subdural

Fetal subdural hematoma before labor (Gunn and Becroft) (Letter); (Myers) (Reply). 1991;164:934-5

In utero diagnosis and management of fetal subdural hematoma (Rotmansch et al). 1991;164:1246-8

Hematopoietic stem cells, transplantation

Transplantation of fetal cells (Crombleholme et al). 1991;164:218-30 (Curr. dev.)

Hemizona assay; see Biological assay

Hemodynamics

Position change and central hemodynamic profile during normal third-trimester pregnancy and post partum (Clark et al). 1991;164:883-7

Hemoglobin A, glycosylated

Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al). 1991;164:103-11

Hemolysis

Mechanisms of hemolysis and anemia associated with acute antepartum pyelonephritis (Cox et al). 1991;164:587-90

The natural history of HELLP syndrome: patterns of disease progression and regression (Martin et al). 1991;164:1500-13

Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81

Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? (Minakami et al) (Letter); (Barton and Sibai) (Reply). 1991;164:1690-1

Hemorrhage

Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al). 1991;164:1163-8

Thombtacks (Sutton). 1991;164:931-2 (Letter)

Hemostasis, surgical

Thombtacks (Sutton). 1991;164:931-2 (Letter)

Hepatic vein thrombosis

Budd-Chiari syndrome, obstetric complications, and anti-phospholipid antibodies (Cowchock) (Letter); (Ilani et al) (Reply). 1991;164:235

Hernia, umbilical

Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasono-

- Hernia, umbilical—cont'd**
graphic examination results (Thornton et al.). 1991;164:154-60
- Herpes genitalis**
Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors (Catalano et al.). 1991;164:1303-6
Pharmacokinetics of acyclovir in the term human pregnancy and neonate (Frenkel et al.). 1991;164:569-76
- Herpes gestationis**
Recurrent herpes gestationis with postpartum flare: a case report (Baxi et al.). 1991;164:778-80
- Herpesvirus hominis**
Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors (Catalano et al.). 1991;164:1303-6
- Heterotopic pregnancy; see Pregnancy, ectopic**
- Heterozygote detection**
Carrier screening for cystic fibrosis: implications for obstetric and gynecologic practice (Elias et al.). 1991;164:1077-83 (Clin. opinion)
- Hispanic Americans**
Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al.). 1991;164:1491-9
- HIV**
Human immunodeficiency virus-induced immunosuppression: a risk factor for human papillomavirus infection (Matorras et al.). 1991;164:42-4
The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression (Schafer et al.). 1991;164:593-9
Unraveling the mysteries of vulval ulceration in human immunodeficiency virus-seropositive women (Kell and Barton) (Letter); (Covino and McCormack) (Reply). 1991;164:935-6
- Home nursing**
The contributions of the nurse and the machine in home uterine activity monitoring systems (Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)
- Home uterine monitoring; see Home nursing**
- Hormonal replacement therapy; see Estrogen replacement therapy**
- Hormones**
Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort (Wolf et al.). 1991;164:489-94
- Hospitals**
Hospital setting and fetal death during labor among women at low risk (Albers and Savitz). 1991;164:868-73
- Human immunodeficiency viruses; see HIV**
- Human papillomavirus deoxyribonucleic acid detection; see DNA probes, HPV**
- Human papillomaviruses; see Papillomaviruses**
- Human rights**
The issue of animal rights and human rights (Maharry). 1991;164:1543-8 (Pres. address)
- Hydatidiform mole**
A prospective genetic study of complete and partial hydatidiform moles (Lawler et al.). 1991;164:1270-7
Restriction fragment length polymorphism analysis to study the genetic origin of complete hydatidiform mole (Ko et al.). 1991;164:901-6
- Hydronephrosis**
Urinary tract dilatation in pregnancy (Brown). 1991;164:642-3
- Hydrops fetalis**
Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection (Sahakian et al.). 1991;164:1090-1
Nonimmune hydrops in fetal Niemann-Pick disease (Vidgoff) (Letter); (Meizner) (Reply). 1991;164:231-2
Transplacental, amniotic, urinary, and fetal fluid dynamics during very-large-volume fetal intravenous infusions (Brace and Moore). 1991;164:907-16
Venous Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al.). 1991;164:33-7
- Hyperprolactinemia**
Ten-year follow-up of patients with secondary amenorrhea and normal prolactin (Davajan et al.). 1991;164:1666-72
- Hypertension**
Antepartum testing in the hypertensive patient: when to begin (Pircoll et al.). 1991;164:1563-70
Blood pressure self-monitoring during pregnancy: practical considerations (Zuspan and Rayburn). 1991;164:2-6 (Clin. opinion)
Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al.). 1991;164:1310-6
Continuous electrocardiographic monitoring in hypertensive crises in pregnancy (Naidoo et al.). 1991;164:530-3
The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63
Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al.). 1991;164:1084-9
Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al.). 1991;164:1145-50
Endothelial-derived relaxing factor released by endothelial cells of human umbilical vessels and its impairment in pregnancy-induced hypertension (Pinto et al.). 1991;164:507-13
Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppozada et al.). 1991;164:1229-32
The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al.). 1991;164:1197-202
Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81
The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy (El-Roeiy et al.). 1991;164:1253-61
- Hypertension, portal**
Endoscopic sclerotherapy in extrahepatic portal hypertension in pregnancy (Pauzner et al.). 1991;164:152-3
- Hypnotics and sedatives**
Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al.). 1991;164:825-8
- Hypotension, orthostatic**
Position change and central hemodynamic profile during normal third-trimester pregnancy and post partum (Clark et al.). 1991;164:883-7
- Hypothalamus, animal**
Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conju-

gated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66

Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes (Owiny et al). 1991;164:658-63

Hypothermia

Association between hypothermia and mortality rate of premature infants—revisited (Hazan et al). 1991;164:111-2

Hypothermia, induced, animal

Factors influencing the initiation of nonshivering thermogenesis (Gunn et al). 1991;164:210-7

Hysterectomy

Dissection of the cardinal ligament in radical hysterectomy for cervical cancer with emphasis on the lateral ligament (Yabuki et al). 1991;164:7-14 (Clin. opinion)

A randomized trial evaluating leuprolide acetate before hysterectomy as treatment for leiomyomas (Stovall et al). 1991;164:1420-5

Sacrospinous fixation—Should this be performed at the time of vaginal hysterectomy? (Cruikshank). 1991;164:1072-6 (Clin. opinion)

Hysterosalpingography

Hysterosalpingography with color Doppler ultrasonography (Peters and Coulam). 1991;164:1530-4

Hysteroscopy

Argon laser versus microscissors for hysteroscopic incision of uterine septa (Candiani et al). 1991;164:87-90

Embryoscopy: old technique new for the 1990s? (Ghirardini) (Letter); (Cullen et al) (Reply). 1991;164:1361-2

Hormonal inhibition of the endometrium for resectoscopic endometrial ablation (Brooks et al). 1991;164:1601-8

I

Ibuprofen

Koch's postulates: Revisited or revised? (Krumholz). 1991;164:704 (Letter)

Immunity, cellular

Regulation of the immune response to *Candida albicans* by monocytes and progesterone (Kalo-Klein and Witkin). 1991;164:1351-4

Immunocytochemistry; see Immunohistochemistry

Immunoglobulins

Intravenous immunoglobulin treatment of recurrent pregnancy loss and antiphospholipid antibodies (Orvieto et al). 1991;164:1687-8 (Letter)

Immunohistochemistry

Immunohistochemical localization of gonadotropin-releasing hormone during implantation in the New Zealand White rabbit (Bergh et al). 1991;164:1127-31

c-myc Protooncogene polypeptide expression in endometriosis (Schenken et al). 1991;164:1031-7

Immunology

Analysis of antigen expression at multiple tumor sites in epithelial ovarian cancer (Rubin et al). 1991;164:558-63

Immunosuppression

Human immunodeficiency virus-induced immunosuppression: a risk factor for human papillomavirus infection (Matorras et al). 1991;164:42-4

The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression (Schäfer et al). 1991;164:593-9

Organ transplantation and pregnancy (Kirk). 1991;164:1629-34

In vitro fertilization; see Fertilization in vitro

Indomethacin

The effects of indomethacin and a β-sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study (Eronen et al). 1991;164:141-6

Randomized comparative trial of indomethacin and ritodrine for the long-term treatment of preterm labor (Bensinger et al). 1991;164:981-8

Infant, low birth weight

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

Outcome of very-low-birth-weight infants exposed to β-sympathomimetics in utero (Laros et al). 1991;164:1657-65

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42

Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort (Abrams and Newman). 1991;164:785-90

Weight gain by gestational age in both black and white women delivered of normal-birth-weight and low-birth-weight infants (Petitti et al). 1991;164:801-5

Infant, newborn

Birth weights of infants of black and white mothers without pregnancy complications (Hulsey et al). 1991;164:1299-302

Infant, newborn, diseases

Chlamydia trachomatis infection during pregnancy (McGregor and French). 1991;164:1782-9

Neonatal complications at term as related to the degree of umbilical artery acidemia (Winkler et al). 1991;164:637-41

Pharmacokinetics of acyclovir in the term human pregnancy and neonate (Frenkel et al). 1991;164:569-76

Infant, postmature

Postterm infants: Too big or too small? (McLean et al). 1991;164:619-24

Infant, premature

Anemia and spontaneous preterm birth (Klebanoff et al). 1991;164:59-63

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

Association between hypothermia and mortality rate of premature infants—revisited (Hazan et al). 1991;164:111-2

The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al). 1991;164:625-30

The contributions of the nurse and the machine in home uterine activity monitoring systems (Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)

The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63

Epidemiologic characteristics of preterm delivery: etiologic heterogeneity (Savitz et al). 1991;164:467-71 (Clin. opinion)

The mammary stimulation test—A predictor of preterm delivery? (Eden et al). 1991;164:1409-19

Phospholipase C activity in microorganisms associated with reproductive tract infection (McGregor et al). 1991;164:682-6

Prevention of preterm birth in high-risk patients: the role

Infant, premature—cont'd

of education and provider contact versus home uterine monitoring (Dyson et al). 1991;164:756-62

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42

Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort (Abrams and Newman). 1991;164:785-90

Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al). 1991;164:1261-4

Infant, small for gestational age

Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort (Abrams and Newman). 1991;164:785-90

Infant mortality

Association between hypothermia and mortality rate of premature infants—revisited (Hazan et al). 1991;164:111-2

Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9

Early neonatal mortality and cesarean delivery in Mexico City (Bobadilla and Walker). 1991;164:22-8

Hospital setting and fetal death during labor among women at low risk (Albers and Savitz). 1991;164:868-73

Infection; see also Pregnancy complications, infectious

Antimicrobials in the 1990s: expanded options for effective patient care—introduction (Faro). 1991;164:1369

Antimicrobials in the 1990s: expanded options for effective patient care—summary (Faro). 1991;164:1399-400

The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9

Diagnosis and laparoscopic grading of acute salpingitis (Soper). 1991;164:1370-6

Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3

Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection (Sahakian et al). 1991;164:1090-1

New directions in the diagnosis and therapy of urinary tract infections (Powers). 1991;164:1387-9

Patient costs for prophylaxis and treatment of obstetric and gynecologic surgical infections (Stein). 1991;164:1377-80

Phospholipase C activity in microorganisms associated with reproductive tract infection (McGregor et al). 1991;164:682-6

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6

Susceptibility of female pelvic pathogens to oral antibiotic agents in patients who develop postpartum endometritis (Martens et al). 1991;164:1383-6

Infertility

Antisperm antibodies to sperm surface antigens in women with genital tract infection (Cunningham et al). 1991;164:791-6

The importance of the postcoital test (Check) (Letter); (Grimes and Griffith) (Reply). 1991;164:932-3

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al). 1991;164:949-52

Pregnancy rates after peritoneal ovum-sperm transfer (Coulam et al). 1991;164:1447-52

Prospective analysis of sperm-oocyte fusion and reactive oxygen species generation as criteria for the diagnosis of infertility (Aitken et al). 1991;164:542-51

Infusions, intravenous

Transplacental, amniotic, urinary, and fetal fluid dynamics during very-large-volume fetal intravenous infusions (Brace and Moore). 1991;164:907-16

Inhibin

Serum levels of inhibin in maternal and umbilical blood during pregnancy (Tabei et al). 1991;164:896-900

Injections, intradermal

The effect of sterile water blocks on low back labor pain (Trolle et al). 1991;164:1277-81

Insurance liability

Alternative liability insurance: a physician-owned captive insurance company (Lee). 1991;164:1680-5

Interferons

Therapy of persistent human papillomavirus disease with two different interferon species (Gall et al). 1991;164:130-4

Interleukin-6

Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer (Berek et al). 1991;164:1038-43

International Federation of Gynecology and Obstetrics

Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al). 1991;164:997-1004

Internship and residency

Residency training and abortion (Rosenfield). 1991;164:1686 (Letter)

Intestinal atresia

Umbilical cord ulceration and intestinal atresia: A new association? (Bendon et al). 1991;164:582-6

Intraamniotic infection; see Amniotic fluid**Intraumbilical injection; see Umbilical cord****Intrauterine devices**

A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al). 1991;164:879-83

Intrauterine diagnosis; see Prenatal diagnosis**Intrauterine growth retardation; see Fetal growth retardation****Intrauterine probe electrode; see Electrodes****Intravenous infusions; see Infusions, intravenous****Intubation, intratracheal**

The hemodynamic effects of intubation during nitroglycerin infusion in severe preeclampsia (Longmire et al). 1991;164:551-6

Iodine

The effects of iodoprophylaxis on thyroid size during pregnancy (Romano et al). 1991;164:482-5

Isoxsuprine

Outcome of very-low-birth-weight infants exposed to β-sympathomimetics in utero (Laros et al). 1991;164:1657-65

Items

Items. 1991;164:240, 708, 938, 1154, 1368, 1714

K

Karyotyping

Mild fetal lateral cerebral ventriculomegaly: clinical course and outcome (Bromley et al). 1991;164:863-7

Ketamine

Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al). 1991;164:825-8

Kidney, abnormalities

Significance of oligohydramnios complicating pregnancy (Shenker et al). 1991;164:1597-600

Kidney failure, acute

Steroid-responsive nephrotic syndrome with renal insufficiency in the first trimester of pregnancy (Uribe et al). 1991;164:568-9

L

Labor

The effect of sterile water blocks on low back labor pain (Trolle et al). 1991;164:1277-81

Hospital setting and fetal death during labor among women at low risk (Albers and Savitz). 1991;164:868-73

Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors (Catalano et al). 1991;164:1303-6

Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppozada et al). 1991;164:1229-32

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy (Sonek et al). 1991;164:1174-80

A new model for objective assessment of cervical ripening: the effect of prostaglandin E₂ and prelabor contractility (Takahashi et al). 1991;164:1115-8

Questions about prophylactic intrapartum amnioinfusion (Chauhan) (Letter); (Strong) (Reply). 1991;164:1365-6

Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al). 1991;164:1216-9

Labor, premature

Amniotic fluid glucose and intraamniotic infection (Kirshon et al). 1991;164:818-20

Anemia and spontaneous preterm birth (Klebanoff et al). 1991;164:59-63

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7

The contributions of the nurse and the machine in home uterine activity monitoring systems (Merkatz and Merkatz). 1991;164:1159-62 (Clin. opinion)

The effects of indomethacin and a β -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study (Erenen et al). 1991;164:141-6

Epidemiologic characteristics of preterm delivery: etiologic

heterogeneity (Savitz et al). 1991;164:467-71 (Clin. opinion)

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Predictive value: symptoms of preterm labor (Strickland) (Letter); (Creasy and Katz) (Reply). 1991;164:700-1

Prevention of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring (Dyson et al). 1991;164:756-62

Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80

Randomized comparative trial of indomethacin and ritodrine for the long-term treatment of preterm labor (Bessinger et al). 1991;164:981-8

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42

Laparoscopy; see Peritoneoscopy

Larynx, artificial

Intraabdominal sound levels during vibroacoustic stimulation (Graham et al). 1991;164:1140-4

Laser surgery

Argon laser versus microscissors for hysteroscopic incision of uterine septa (Candidian et al). 1991;164:87-90

The use of potassium-titanyl-phosphate laser for laparoscopic removal of ovarian endometrioma (Marrs). 1991;164:1622-8

Leiomyoma

A randomized trial evaluating leuprolide acetate before hysterectomy as treatment for leiomyomas (Stovall et al). 1991;164:1420-5

Letters

Letters. 1991;164:231-7, 698-707, 931-6, 1151-3, 1360-6, 1686-91

Leuprolide

Hormonal inhibition of the endometrium for resectoscopic endometrial ablation (Brooks et al). 1991;164:1601-8

A randomized trial evaluating leuprolide acetate before hysterectomy as treatment for leiomyomas (Stovall et al). 1991;164:1420-5

Levonorgestrel

A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al). 1991;164:879-83

Liability, legal

Alternative liability insurance: a physician-owned captive insurance company (Lee). 1991;164:1680-5

Lidocaine

Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat (Choi et al). 1991;164:693-7

Ligaments

Dissection of the cardinal ligament in radical hysterectomy for cervical cancer with emphasis on the lateral ligament (Yabuki et al). 1991;164:7-14 (Clin. opinion)

Liposomes

Toxicities in rats with free versus liposomal encapsulated cisplatin (Potkul et al). 1991;164:652-8

Listeria infections

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Listeria infections—cont'd

Successful antepartum treatment of listeriosis (Kalstone). 1991;164:57-8

Liver, surgery

Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? (Minakami et al) (Letter); (Barton and Sibai) (Reply). 1991;164:1690-1

Longitudinal studies

Calcium-regulating hormones and osteocalcin levels during pregnancy: a longitudinal study (Seki et al). 1991;164:1248-52

Low back pain; see Backache**Low birth weight infant; see Infant, low birth weight****Lung maturation in fetus; see Fetal organ maturity****Lupus**

Flow velocity waveforms of the fetal circulation preceding fetal death in a case of lupus anticoagulant (Mari and Wasserstrum). 1991;164:776-8

Luteinizing hormone-releasing hormone; see Gonadorelin**Lymph node excision**

Laparoscopic pelvic lymphadenectomy in the staging of early carcinoma of the cervix (Querleu et al). 1991;164:579-81

M**M-mode echocardiography; see Echocardiography****Macrophage activation**

Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro (Olive et al). 1991;164:953-8

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al). 1991;164:949-52

Macrophages

Macrophage-conditioned media enhance endometrial stromal cell proliferation in vitro (Olive et al). 1991;164:953-8

Macrosomia in fetus; see Fetal macrosomia**Magnesium sulfate**

Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat (Choi et al). 1991;164:693-7

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Magnetic resonance imaging

Fast-scan magnetic resonance imaging in fetal visualization (Garden et al). 1991;164:1190-6

In utero diagnosis and management of fetal subdural hematoma (Rotmensch et al). 1991;164:1246-8

Magnetic resonance spectroscopy; see Nuclear magnetic resonance**Magnification views; see Radiographic magnification****Mammary glands; see Breast****Mammary stimulation test**

The mammary stimulation test—A predictor of preterm delivery? (Eden et al). 1991;164:1409-19

Mammography

Improved mammographic accuracy (Pillsbury et al). 1991;164:1643-6

Marine n-3 fatty acids; see Fatty acids**Maternal-fetal exchange**

The role of the placenta in nutrition of the human fetus (Schneider). 1991;164:967-73

Maternal herpes simplex virus; see Herpesvirus hominis**Maternal mortality**

Pregnancy-related mortality in New York City, 1980 to 1984: causes of death and associated risk factors (Syverson et al). 1991;164:603-8

Maternal weight; see Body weight**McCall's suture; see Sutures****Measles virus**

Fetal death associated with measles virus infection of the placenta (Moroi et al). 1991;164:1107-8

Meconium

Inhibition of pulmonary surfactant function by meconium (Moses et al). 1991;164:477-81

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Medical care delivery system; see Patient care team**Medical history taking**

The natural history of HELLP syndrome: patterns of disease progression and regression (Martin et al). 1991;164:1500-13

Medical records

Prenatal records: a national survey of content (Peoples-Sheps et al). 1991;164:514-21

Medicare

Clinical implications of screening for cervical cancer under Medicare (Mandelblatt et al). 1991;164:644-51 (Curr. dev.)

Menopause

The effects of hormone replacement therapy in normal postmenopausal women: measurements of Doppler-derived parameters of aortic flow (Pines et al). 1991;164:806-12

Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort (Wolf et al). 1991;164:489-94

A selective serotonin reuptake inhibitor, fluoxetine hydrochloride, modulates the pulsatile release of prolactin in postmenopausal women (Urban and Veldhuis). 1991;164:147-52

Vasoactive intestinal polypeptide loses its ability to increase vaginal blood flow after menopause (Palle et al). 1991;164:556-8

Menorrhagia

A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al). 1991;164:879-83

Menstrual cycle

The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle (Soules et al). 1991;164:989-96

Ovarian response in superovulated cycles after suppression with oral contraceptive steroids (Burry et al). 1991;164:1592-6

Menstruation

Endometrial thickness as measured by endovaginal ultrasound for identifying endometrial abnormality (Granberg et al). 1991;164:47-52

Menstrual mythology and sources of information about menstruation (Cumming et al). 1991;164:472-6 (Clin. opinion)

Mental retardation

Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al). 1991;164:825-8

Mesonephroma

Endodermal sinus tumor of the ovary during pregnancy: a case report (van der Zee et al). 1991;164:504-6

Methotrexate

Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al). 1991;164:204-10

Methotrexate treatment of ectopic gestation and reproductive outcome (Egarter) (Letter); (Stovall et al) (Reply). 1991;164:698-700

Methotrexate treatment of tubal pregnancy (Batemer) (Letter); (Stovall et al) (Reply). 1991;164:231

Nonsurgical management of tubal pregnancy (Pansky et al). 1991;164:888-95 (Curr. dev.)

Microscopy, electron

Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy (Sonek et al). 1991;164:1174-80

Microscopy, electron, scanning

Morphologic changes in the human amnion epithelium that accompany labor as seen with scanning and transmission electron microscopy (Sonek et al). 1991;164:1174-80

Midazolam

Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al). 1991;164:825-8

Mifepristone

Nonsurgical management of tubal pregnancy (Pansky et al). 1991;164:888-95 (Curr. dev.)

Misdiagnosis; see Diagnostic errors

Molecular structure

Cell adhesion molecules and the regulation of development (Cunningham). 1991;164:939-48

Monoamine oxidase

Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimiri et al). 1991;164:599-603

Monocytes

Regulation of the immune response to *Candida albicans* by monocytes and progesterone (Kalo-Klein and Witkin). 1991;164:1351-4

Morphogenesis

Cell adhesion molecules and the regulation of development (Cunningham). 1991;164:939-48

Mortality, infant; see Infant mortality

Motrin; see Ibuprofen

Multiple birth; see Pregnancy, multiple

Muscle, smooth

Characterization of sodium channels in cultured human uterine smooth muscle cells (Young and Herndon-Smith). 1991;164:175-81

Muscle, smooth, vascular

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Muscular dystrophy

Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes (Milunsky et al). 1991;164:751-5

Myometrium

Passive membrane properties and inward calcium current

of human uterine smooth muscle cells (Young et al). 1991;164:1132-9

Myotonia congenita

Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes (Milunsky et al). 1991;164:751-5

N

Natriuretic peptides, atrial

The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al). 1991;164:1197-202

Neisseria gonorrhoeae

The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9

Combination antimicrobial therapy in the treatment of acute pelvic inflammatory disease (Landers et al). 1991;164:849-58

Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6

The role of azide antibiotics in the treatment of chlamydia (Johnson). 1991;164:1794-6

Neonatal mortality; see Infant mortality

Neonatal outcome; see Pregnancy outcome

Neonate; see Infant, newborn

Neoplasm invasiveness

Trends in the operative management of invasive squamous carcinoma of the vulva at Indiana University, 1974 to 1988 (Sutton et al). 1991;164:1472-81

Neoplasm staging

Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al). 1991;164:997-1004

Laparoscopic pelvic lymphadenectomy in the staging of early carcinoma of the cervix (Querleu et al). 1991;164:579-81

Neoplasms, glandular epithelial

Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer (Berek et al). 1991;164:1038-43

Nephrostomy, percutaneous

Suture entrapment and secondary ureteral obstruction (Stanhope et al). 1991;164:1513-9

Nephrotic syndrome

Steroid-responsive nephrotic syndrome with renal insufficiency in the first trimester of pregnancy (Uribe et al). 1991;164:568-9

Neural tube defects

Maternal serum α -fetoprotein screening: further consideration of low-volume testing (Strickland et al). 1991;164:711-4 (Clin. opinion)

Tables for estimation of individual risks of fetal neural tube and ventral wall defects incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results (Thornton et al). 1991;164:154-60

Neurologic examination

Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al). 1991;164:1281-9

Neuronal plasticity, animal

Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keele et al). 1991;164:959-66

Neuropeptide Y

Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6

Neurosurgery

Lymphocytic adenohypophysis: a pituitary mass lesion occurring in pregnancy (Feigenbaum et al). 1991;164:1549-55

Newborn; see Infant, newborn**Niemann-Pick disease**

Nonimmune hydrops in fetal Niemann-Pick disease (Vidgoff) (Letter); (Meizner) (Reply). 1991;164:231-2

Nipples

The mammary stimulation test—A predictor of preterm delivery? (Eden et al). 1991;164:1409-19

Nitric oxide

The action of nitric oxide in the perfused human fetal-placental circulation (Myatt et al). 1991;164:687-92

Nitroglycerin; see Glyceryl trinitrate**Nonimmune hydrops; see Hydrops fetalis****Noradrenaline; see Norepinephrine****Norepinephrine**

Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Norethindrone

Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al). 1991;164:1163-8

The effect of tetracycline on levels of oral contraceptives (Murphy et al). 1991;164:28-33

Oral contraceptives and antithrombin III: variations by dosage and ABO blood group (Burkman et al). 1991;164:1453-60

Norethisterone; see Norethindrone**Nuclear magnetic resonance**

Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts (Kay et al). 1991;164:80-7

Nutrition

The role of the placenta in nutrition of the human fetus (Schneider). 1991;164:967-73

O**Occupational health**

Occupational vibration during pregnancy (Abrams and Wasserman). 1991;164:1152 (Letter)

Oflloxacin

The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9

Effectiveness of ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection (Faro et al). 1991;164:1380-3

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6

Oligohydramnios

Koch's postulates: Revisited or revised? (Krumholz). 1991;164:704 (Letter)

Significance of oligohydramnios complicating pregnancy (Shenker et al). 1991;164:1597-600

Oncogenes

Overexpression of HER-2/neu in endometrial cancer is associated with advanced stage disease (Berchuck et al). 1991;164:15-21

c-myc Protooncogene polypeptide expression in endometriosis (Schenken et al). 1991;164:1031-7

Oocytes

Pregnancy rates after peritoneal ovum-sperm transfer (Coulam et al). 1991;164:1447-52

Prospective analysis of sperm-oocyte fusion and reactive oxygen species generation as criteria for the diagnosis of infertility (Aitken et al). 1991;164:542-51

Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects (Oehninger et al). 1991;164:1210-5

Oophorectomy; see Ovariectomy**Open spina bifida; see Spina bifida cystica****Oral contraceptives; see Contraceptives, oral****Organ transplantation**

Organ transplantation and pregnancy (Kirk). 1991;164:1629-34

Osteocalcin

Calcium-regulating hormones and osteocalcin levels during pregnancy: a longitudinal study (Seki et al). 1991;164:1248-52

Outpatients

Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al). 1991;164:825-8

Ovarian cancer; see Ovarian neoplasms**Ovarian cycle; see Menstrual cycle****Ovarian cysts**

Fetal ovarian cysts: prenatal ultrasonographic detection and postnatal evaluation and treatment (Meizner et al). 1991;164:874-8

Ovarian neoplasms

Analysis of antigen expression at multiple tumor sites in epithelial ovarian cancer (Rubin et al). 1991;164:558-63

The diagnosis of ovarian cancer by pathologists: How often do diagnoses by contributing pathologists agree with a panel of gynecologic pathologists? (Tyler et al). 1991;164:65-70

Endodermal sinus tumor of the ovary during pregnancy: a case report (van der Zee et al). 1991;164:504-6

Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer (Berchuck et al). 1991;164:669-74

Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor (Rodriguez et al). 1991;164:745-50

Gliomatosis peritonei with malignant transformation: a case report and review of the literature (Shefren et al). 1991;164:1617-21

Ovarian neoplasms and the risk of adnexal torsion (Sommerville et al). 1991;164:577-8

Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer (Berek et al). 1991;164:1038-43

Toxicities in rats with free versus liposomal encapsulated cisplatin (Potkul et al). 1991;164:652-8

Ultrasoundography in the diagnosis of gynecologic disorders (Willson). 1991;164:1064-71

Ovariectomy

A risk-benefit analysis of elective bilateral oophorectomy: effect of changes in compliance with estrogen therapy on outcome (Speroff et al). 1991;164:165-74 (Curr. dev.)

Ovary

The diagnosis of ovarian cancer by pathologists: How often do diagnoses by contributing pathologists agree with a panel of gynecologic pathologists? (Tyler et al). 1991;164:65-70

Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer (Berchuck et al). 1991;164:669-74

Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor (Rodriguez et al). 1991;164:745-50

Spontaneous ovarian-to-vaginal fistula: a case report (Claman et al). 1991;164:71-2

Ovulation, animal

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al). 1991;164:949-52

Ovum-sperm transfer, peritoneal; see Fertilization in vitro

Oxytocin

Intraumbilical injection of oxytocin (Chestnut) (Letter); (Golan) (Reply). 1991;164:702-3

Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al). 1991;164:1216-9

P

Pacific Coast Obstetrical and Gynecological Society

Transactions of the fifty-seventh annual meeting of the Pacific Coast Obstetrical and Gynecological Society. 1991;164:1543-685

Pain

Endosalpingiosis as a cause of chronic pelvic pain (Davies and Maclin). 1991;164:495-6

Relationship of laparoscopic findings to self-report of pelvic pain (Stout et al). 1991;164:73-9

Papanicolaou smear; see Vaginal smears

Papillomaviruses

Human immunodeficiency virus-induced immunosuppression: a risk factor for human papillomavirus infection (Matorras et al). 1991;164:42-4

The increased frequency of cervical dysplasia-neoplasia in women infected with the human immunodeficiency virus is related to the degree of immunosuppression (Schäfer et al). 1991;164:593-9

Should cervical cytologic testing be augmented by cervicography or human papillomavirus deoxyribonucleic acid detection? (Reid et al). 1991;164:1461-71

Therapy of persistent human papillomavirus disease with two different interferon species (Gall et al). 1991;164:130-4

Parturition; see Labor

Parvovirus infections

Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection (Sahakian et al). 1991;164:1090-1

Parvovirus transmission concerns (Donnenfeld and Schick-Boschetto) (Letter); (Rodis) (Reply). 1991;164:1363-4

Patient care team

Winter hath hope of spring (Malinak). 1991;164:1401-8 (Pres. address)

Patient compliance

Vaginal birth after cesarean section: the impact of patient resistance to a trial of labor (Joseph et al). 1991;164:1441-7

Patient costs; see Cost benefit analysis

Patient education

Prevention of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring (Dyson et al). 1991;164:756-62

Pelvic inflammatory disease; see Adnexitis

Pelvis

The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease (Sellors et al). 1991;164:113-20

Endosalpingiosis as a cause of chronic pelvic pain (Davies and Maclin). 1991;164:495-6

Relationship of laparoscopic findings to self-report of pelvic pain (Stout et al). 1991;164:73-9

Penicillins

Antibiotic treatment of tuboovarian abscess: comparison of broad-spectrum β -lactam agents versus clindamycin-containing regimens (Reed et al). 1991;164:1556-62

Pentamidine

Pharmacokinetics of pentamidine in Sprague-Dawley rats in late pregnancy (Little et al). 1991;164:927-30

Peptides

c-myc Protooncogene polypeptide expression in endometriosis (Schenken et al). 1991;164:1031-7

Perchloric acids

Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts (Kay et al). 1991;164:80-7

Percutaneous nephrostomy; see Nephrostomy, percutaneous

Percutaneous umbilical blood sampling; see Fetal blood

Perinatal mortality; see Infant mortality

Perinatal outcome; see Pregnancy outcome

Perineorrhaphy; see Perineum, surgery

Perineum, surgery

Posterior colporrhaphy and perineorrhaphy: separate and distinct operations (Nichols). 1991;164:714-21 (Clin. opinion)

Peritoneal ovum-sperm transfer; see Fertilization in vitro

Peritoneoscopy

The accuracy of clinical findings and laparoscopy in pelvic inflammatory disease (Sellors et al). 1991;164:113-20

Diagnosis and laparoscopic grading of acute salpingitis (Soper). 1991;164:1370-6

Laparoscopic pelvic lymphadenectomy in the staging of early carcinoma of the cervix (Querleu et al). 1991;164:579-81

Relationship of laparoscopic findings to self-report of pelvic pain (Stout et al). 1991;164:73-9

The use of potassium-titanyl-phosphate laser for laparoscopic removal of ovarian endometrioma (Marrs). 1991;164:1622-8

Peritoneum

Endometriosis associated with massive ascites and absence

Peritoneum—cont'd

of pelvic peritoneum (Williams and Wagaman). 1991;164:45-6

Gliomatosis peritonei with malignant transformation: a case report and review of the literature (Shefren et al). 1991;164:1617-21

Peroxidases

Astrocytes within the hypothalamic arcuate nucleus contain estrogen-sensitive peroxidase, bind fluorescein-conjugated estradiol, and may mediate synaptic plasticity in the rat (Keefe et al). 1991;164:959-66

Phenethanolamine N-methyltransferase

Characterization of enzymes of catecholamine synthesis and metabolism in human fetal membranes at birth (Casimiri et al). 1991;164:599-603

Phenotype

Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al). 1991;164:204-10

Phenylethanolamine-N-methyltransferase; see Phenethanolamine N-methyltransferase**Phospholipase C**

Phospholipase C activity in microorganisms associated with reproductive tract infection (McGregor et al). 1991;164:682-6

Phosphorus isotopes

Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts (Kay et al). 1991;164:80-7

Pituitary diseases

Lymphocytic adenohypophysis: a pituitary mass lesion occurring in pregnancy (Feigenbaum et al). 1991;164:1549-55

Pituitary gland, anterior

Lymphocytic adenohypophysis: a pituitary mass lesion occurring in pregnancy (Feigenbaum et al). 1991;164:1549-55

Pituitary gonadotropins; see Gonadotropins, pituitary**Pituitary hormones**

Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes (Owiny et al). 1991;164:658-63

Placenta

The action of nitric oxide in the perfused human fetal-placental circulation (Myatt et al). 1991;164:687-92

The fetal concentrating index as a gestational age-independent measure of placental dysfunction in intrauterine growth retardation (Bernardini et al). 1991;164:1481-90

Investigation of placental circulations by color Doppler ultrasonography (Jauniaux et al). 1991;164:486-8

Phosphorus 31 magnetic resonance spectroscopy of human placenta and quantitation with perchloric acid extracts (Kay et al). 1991;164:80-7

The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al). 1991;164:38-41

The role of the placenta in nutrition of the human fetus (Schneider). 1991;164:967-73

Serum levels of inhibin in maternal and umbilical blood during pregnancy (Tabei et al). 1991;164:896-900

Significance of oligohydramnios complicating pregnancy (Shenker et al). 1991;164:1597-600

Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy (Jaffe and Warsof). 1991;164:781-5

Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al). 1991;164:1216-9

Placenta, animal

Transplacental, amniotic, urinary, and fetal fluid dynamics during very-large-volume fetal intravenous infusions (Brace and Moore). 1991;164:907-16

Placental blood flow; see Fetal blood**Placental function tests, animal**

Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203

Plasminogen activator, tissue-type

Synergistic effect of intraperitoneally administered calcium channel blockade and recombinant tissue plasminogen activator to prevent adhesion formation in an animal model (Dunn et al). 1991;164:1327-30

Platelet count

The natural history of HELLP syndrome: patterns of disease progression and regression (Martin et al). 1991;164:1500-13

Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81

Quantitative and qualitative platelet abnormalities during pregnancy (How et al). 1991;164:92-8

Polymerase chain reaction

Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction (Pao et al). 1991;164:1295-9

Polymorphism; see Genetics**Polypeptides; see Peptides****Polypliody**

Multinuclear spermatozoa associated with polypliody (Parikh et al). 1991;164:128-9

Polyunsaturated fatty acids; see Fatty acids**Portal hypertension; see Hypertension, portal****Postcoital test; see Sperm count****Postmenopause; see Menopause****Postpartum period; see Puerperium****Postpartum period disorders; see Puerperal disorders****Postpartum shock; see Shock****Potassium chloride**

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Potassium-titanyl-phosphate laser; see Laser surgery**Pre-eclampsia**

Blood pressure self-monitoring during pregnancy: practical considerations (Zuspan and Rayburn). 1991;164:2-6 (Clin. opinion)

Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al). 1991;164:1310-6

Decreased levels of polyunsaturated fatty acids in pre-eclampsia (Wang et al). 1991;164:812-8

Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9

The effect of volume expansion on placental blood flow in awake hypovolemic rats in late pregnancy (Boekkooi et al). 1991;164:921-6

- The hemodynamic effects of intubation during nitroglycerin infusion in severe preeclampsia (Longmire et al). 1991;164:551-6
- Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppozada et al). 1991;164:1229-32
- The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al). 1991;164:1197-202
- The natural history of HELLP syndrome: patterns of disease progression and regression (Martin et al). 1991;164:1500-13
- Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81
- The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy (El-Roeiy et al). 1991;164:1253-61
- Predictive value of tests**
- The diagnosis of ovarian cancer by pathologists: How often do diagnoses by contributing pathologists agree with a panel of gynecologic pathologists? (Tyler et al). 1991;164:65-70
- Improved mammographic accuracy (Pillsbury et al). 1991;164:1643-6
- The mammary stimulation test—A predictor of preterm delivery? (Eden et al). 1991;164:1409-19
- Predictive value: symptoms of preterm labor (Strickland) (Letter); (Creasy and Katz) (Reply). 1991;164:700-1
- Pregnancy**
- Calcium-regulating hormones and osteocalcin levels during pregnancy: a longitudinal study (Seki et al). 1991;164:1248-52
- The clinical utility of maternal body mass index in pregnancy (Wolfe et al). 1991;164:1306-10
- Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al). 1991;164:1310-6
- Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9
- Effect of low-dose aspirin on vascular refractoriness in angiotensin-sensitive primigravid women (Wallenburg et al). 1991;164:1169-73
- Human placenta expresses endothelin gene and corresponding protein is excreted in urine in increasing amounts during normal pregnancy (Benigni et al). 1991;164:844-8
- Organ transplantation and pregnancy (Kirk). 1991;164:1629-34
- Serum levels of inhibin in maternal and umbilical blood during pregnancy (Tabei et al). 1991;164:896-900
- Pregnancy, animal**
- Effect of intravenous cocaine on uterine blood flow in the gravid baboon (Morgan et al). 1991;164:1021-30
- The effect of volume expansion on placental blood flow in awake hypovolemic rats in late pregnancy (Boekkooi et al). 1991;164:921-6
- Pharmacokinetics of pentamidine in Sprague-Dawley rats in late pregnancy (Little et al). 1991;164:927-30
- Pregnancy, ectopic**
- Chlamydia trachomatis* infection during pregnancy (McGregor and French). 1991;164:1782-9
- Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81
- Heterotopic pregnancies after in vitro fertilization and embryo transfer (Rizk et al). 1991;164:161-4
- Methotrexate treatment of ectopic gestation and reproductive outcome (Egarter) (Letter); (Stovall et al) (Reply). 1991;164:698-700
- Methotrexate treatment of tubal pregnancy (Bateman) (Letter); (Stovall et al) (Reply). 1991;164:231
- Nonsurgical management of tubal pregnancy (Pansky et al). 1991;164:888-95 (Curr. dev.)
- Pregnancy-related mortality in New York City, 1980 to 1984: causes of death and associated risk factors (Syverson et al). 1991;164:603-8
- Pregnancy, multiple**
- Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al). 1991;164:1426-33
- Pregnancy, tubal**
- Methotrexate treatment of tubal pregnancy (Bateman) (Letter); (Stovall et al) (Reply). 1991;164:231
- Nonsurgical management of tubal pregnancy (Pansky et al). 1991;164:888-95 (Curr. dev.)
- Pregnancy, unwanted**
- Attitudes on the ethics of abortion, sex selection, and selective pregnancy termination among health care professionals, ethicists, and clergy likely to encounter such situations (Evans et al). 1991;164:1092-9
- Pregnancy complications**
- Amniotic endothelin increase during pregnancy (Raboni et al). 1991;164:237 (Letter)
- Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al). 1991;164:121-8
- Budd-Chiari syndrome, obstetric complications, and anti-phospholipid antibodies (Cowchock) (Letter); (Ilan et al) (Reply). 1991;164:235
- CA 125 levels in abruptio placentae (Witt et al). 1991;164:1225-8
- The clinical implications of subchorionic placental lucencies (Katz et al). 1991;164:99-100
- Early neonatal mortality and cesarean delivery in Mexico City (Bobadilla and Walker). 1991;164:22-8
- The effects of iodoprophylaxis on thyroid size during pregnancy (Romano et al). 1991;164:482-5
- Fetal urine output does not influence residual amniotic fluid volume after premature rupture of membranes (Watson et al). 1991;164:64-5
- Heterotopic pregnancies after in vitro fertilization and embryo transfer (Rizk et al). 1991;164:161-4
- Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al). 1991;164:103-11
- Nonsurgical management of tubal pregnancy (Pansky et al). 1991;164:888-95 (Curr. dev.)
- Occupational vibration during pregnancy (Abrams and Wasserman). 1991;164:1152 (Letter)
- Predictive value: symptoms of preterm labor (Strickland) (Letter); (Creasy and Katz) (Reply). 1991;164:700-1
- The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al). 1991;164:38-41
- Significance of oligohydramnios complicating pregnancy (Shenker et al). 1991;164:1597-600
- Steroid-responsive nephrotic syndrome with renal insuffi-

Pregnancy complications—cont'd

 iciency in the first trimester of pregnancy (Uribe et al). 1991;164:568-9

Successful pregnancy in a patient with Hallermann-Streiff syndrome (Hendrix and Sauer). 1991;164:1102-4

Urinary tract dilatation in pregnancy (Brown). 1991;164:642-3

Venous Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al). 1991;164:33-7

Pregnancy complications, cardiovascular

Antepartum testing in the hypertensive patient: when to begin (Pircon et al). 1991;164:1563-70

Blood pressure self-monitoring during pregnancy: practical considerations (Zuspan and Rayburn). 1991;164:2-6 (Clin. opinion)

Complexes of activated protein C with α_1 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al). 1991;164:1310-6

Continuous electrocardiographic monitoring in hypertensive crises in pregnancy (Naidoo et al). 1991;164:530-3

The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63

Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9

Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al). 1991;164:1145-50

Endoscopic sclerotherapy in extrahepatic portal hypertension in pregnancy (Pauzner et al). 1991;164:152-3

Endothelial-derived relaxing factor released by endothelial cells of human umbilical vessels and its impairment in pregnancy-induced hypertension (Pinto et al). 1991;164:507-13

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1944-50

Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppozada et al). 1991;164:1229-32

The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al). 1991;164:1197-202

Preeclampsia as the great imposter (Goodlin). 1991;164:1577-81

The relationship between autoantibodies and intrauterine growth retardation in hypertensive disorders of pregnancy (El-Roeiy et al). 1991;164:1253-61

Pregnancy complications, hematologic

Anemia and spontaneous preterm birth (Klebanoff et al). 1991;164:59-63

Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? (Simpson et al). 1991;164:829-36

Mechanisms of hemolysis and anemia associated with acute antepartum pyelonephritis (Cox et al). 1991;164:587-90

The natural history of HELLP syndrome: patterns of disease progression and regression (Martin et al). 1991;164:1500-13

Quantitative and qualitative platelet abnormalities during pregnancy (How et al). 1991;164:92-8

Should routine liver biopsy be done for the definite diagnosis of acute fatty liver of pregnancy? (Minakami et al) (Letter); (Barton and Sibai) (Reply). 1991;164:1690-1

Pregnancy complications, infectious

Amniotic fluid glucose and intraamniotic infection (Kirshon et al). 1991;164:818-20

Chlamydia trachomatis infection during pregnancy (McGregor and French). 1991;164:xx5

Cost-effectiveness of prenatal testing for *Chlamydia trachomatis* (Nettleman and Bell). 1991;164:1289-94

Cytomegalovirus infection (Hershey). 1991;164:1687 (Letter)

Fetal death associated with measles virus infection of the placenta (Moroi et al). 1991;164:1107-8

Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors (Catalano et al). 1991;164:1303-6

Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction (Pao et al). 1991;164:1295-9

Intrauterine transfusion treatment of nonimmune hydrops fetalis secondary to human parvovirus B19 infection (Sahakian et al). 1991;164:1090-1

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Panty hose—pants disease (Turner). 1991;164:1366 (Letter)

Parvovirus transmission concerns (Donnenfeld and Schick-Boschetto) (Letter); (Rodis) (Reply). 1991;164:1363-4

Pharmacokinetics of acyclovir in the term human pregnancy and neonate (Frenkel et al). 1991;164:569-76

Progress in pathogenesis and management of clinical intraamniotic infection (Gibbs and Duff). 1991;164:1317-26 (Curr. dev.)

Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80

A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42

Recurrent herpes gestationis with postpartum flare: a case report (Baxi et al). 1991;164:778-80

Successful antepartum treatment of listeriosis (Kalstone). 1991;164:57-8

Pregnancy complications, neoplastic

Endodermal sinus tumor of the ovary during pregnancy: a case report (van der Zee et al). 1991;164:504-6

Lymphocytic adenohypophysitis: a pituitary mass lesion occurring in pregnancy (Feigenbaum et al). 1991;164:1549-55

Pregnancy in diabetes

Cardiac function in fetuses of type I diabetic mothers (Rizzo et al). 1991;164:837-43

The clinical utility of maternal body mass index in pregnancy (Wolfe et al). 1991;164:1306-10

Glucose challenge testing in pregnancy (Neilson et al). 1991;164:1673-9

Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study (Jovanovic-Peterson et al). 1991;164:103-11

Reproducibility of the oral glucose tolerance test in pregnancy (Harlass et al). 1991;164:564-8

Transient postpartum diabetes insipidus (Raziel et al). 1991;164:616-8

Pregnancy outcome

Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33

- Chlamydial infection and pregnancy outcome (Forster et al) (Letter); (Ryan) (Reply). 1991;164:234
- Cocaine and the use of alcohol and other drugs during pregnancy (Streissguth et al). 1991;164:1239-43
- Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7
- Comparative efficacy of umbilical arterial Doppler indices for predicting adverse perinatal outcome (Maulik et al). 1991;164:1434-40
- Comparison of associated high-risk factors and perinatal outcome between symmetric and asymmetric fetal intrauterine growth retardation (Lin et al). 1991;164:1535-42
- Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9
- Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? (Simpson et al). 1991;164:829-36
- Electronic fetal heart monitoring, auscultation, and neonatal outcome (Ellison et al). 1991;164:1281-9
- Glucose challenge testing in pregnancy (Neilson et al). 1991;164:1673-9
- Hospital setting and fetal death during labor among women at low risk (Albers and Savitz). 1991;164:868-73
- Intravenous immunoglobulin treatment of recurrent pregnancy loss and antiphospholipid antibodies (Orvieto et al). 1991;164:1687-8 (Letter)
- Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al). 1991;164:1426-33
- Methotrexate treatment of ectopic gestation and reproductive outcome (Egarter) (Letter); (Stovall et al) (Reply). 1991;164:698-700
- Outcome of very-low-birth-weight infants exposed to β -sympathomimetics in utero (Laros et al). 1991;164:1657-65
- Pregnancy proteins**
- Human placenta expresses endothelin gene and corresponding protein is excreted in urine in increasing amounts during normal pregnancy (Benigni et al). 1991;164:844-8
- Pregnancy related mortality; see Maternal mortality**
- Pregnancy trimester, first**
- First-trimester transvaginal ultrasonographic screening: incidence of structural anomalies (Rottem) (Letter); (Cullen) (Reply). 1991;164:933
- Steroid-responsive nephrotic syndrome with renal insufficiency in the first trimester of pregnancy (Uribe et al). 1991;164:568-9
- Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy (Jaffe and Warsof). 1991;164:781-5
- Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters (Timmer-Tritsch et al). 1991;164:497-503
- Pregnancy trimester, second**
- Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? (Simpson et al). 1991;164:829-36
- Fetal choroid plexus cysts in the second trimester of pregnancy: a cause for concern (Platt et al). 1991;164:1652-6
- Frontothalamic measurement in the second trimester of pregnancy (Crade et al). 1991;164:704-5 (Letter)
- Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters (Timmer-Tritsch et al). 1991;164:497-503
- The transverse cerebellar diameter in the second trimester is unaffected by Down syndrome (Hill et al). 1991;164:101-3
- Pregnancy trimester, third**
- Does unexplained second-trimester (15 to 20 weeks' gestation) maternal serum α -fetoprotein elevation presage adverse perinatal outcome? (Simpson et al). 1991;164:829-36
- Position change and central hemodynamic profile during normal third-trimester pregnancy and post partum (Clark et al). 1991;164:883-7
- Premature labor; see Labor, premature**
- Premature rupture of membranes; see Fetal membranes, premature rupture**
- Premature separation of placenta; see Placenta**
- Prematurity; see Infant, premature**
- Premenopause; see Menopause**
- Prenatal care**
- The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al). 1991;164:625-30
- Cost-effectiveness of prenatal testing for *Chlamydia trachomatis* (Nettleman and Bell). 1991;164:1289-94
- Prenatal diagnosis**
- Evaluation of an aneurysm of the vein of Galen in utero by pulsed and color Doppler ultrasonography (Ishimatsu et al). 1991;164:743-4
- Investigation of placental circulations by color Doppler ultrasonography (Jauniaux et al). 1991;164:486-8
- Prenatal diagnosis of myotonic muscular dystrophy with linked deoxyribonucleic acid probes (Milunsky et al). 1991;164:751-5
- Webster should not affect prenatal diagnosis (Barr et al) (Letter); (Chavkin and Rosenfield) (Reply). 1991;164:706-7
- Prenatal records; see Medical records**
- Prenatal ultrasonics; see Ultrasonography, prenatal**
- Presidential address**
- Presidential address. 1991;164:722-8, 1401-8, 1543-8
- Preterm infant; see Infant, premature**
- Preterm labor; see Labor, premature**
- Preterm rupture of membranes; see Fetal membranes, premature rupture**
- Preventive health services**
- Prevention of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring (Dyson et al). 1991;164:756-62
- Progesterational hormones, synthetic**
- Bleeding patterns during continuous combined estrogen-progestogen therapy (Marslew et al). 1991;164:1163-8
- Progesterone**
- Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al). 1991;164:1145-50
- The induction of premature luteolysis in normal women—follicular phase luteinizing hormone secretion and corpus luteum function in the subsequent cycle (Soules et al). 1991;164:989-96
- Regulation of the immune response to *Candida albicans* by monocytes and progesterone (Kalo-Klein and Witkin). 1991;164:1351-4

Progesterone—cont'd

Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al). 1991;164:187-94

Progesterogen; see Progestational hormones, synthetic**Prognosis**

Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al). 1991;164:997-1004

Prolactin

A selective serotonin reuptake inhibitor, fluoxetine hydrochloride, modulates the pulsatile release of prolactin in postmenopausal women (Urban and Veldhuis). 1991;164:147-52

Ten-year follow-up of patients with secondary amenorrhea and normal prolactin (Davajan et al). 1991;164:1666-72

Prolonged rupture of membranes; see Fetal membranes**Prophylactic antimicrobials; see Antibiotics****Propranolol**

Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7

Prostaglandin E2; see Dinoprostone**Prostaglandins**

Effect of low-dose aspirin on vascular refractoriness in angiotensin-sensitive primigravid women (Wallenburg et al). 1991;164:1169-73

Prostaglandins A₁, synthetic

Management of severe preeclampsia detected in early labor by prostaglandin A₁ or dihydralazine infusions (Toppoza et al). 1991;164:1229-32

Prostanoic acids

Decreased levels of polyunsaturated fatty acids in preeclampsia (Wang et al). 1991;164:812-8

Protein C

Complexes of activated protein C with α_2 -antitrypsin in normal pregnancy and in severe preeclampsia (España et al). 1991;164:1310-6

Proteinuria

The N-terminal and C-terminal portions of the atrial natriuretic factor prohormone increase during preeclampsia (Merkouris et al). 1991;164:1197-202

Puerperal disorders

Recurrent herpes gestationis with postpartum flare: a case report (Baxi et al). 1991;164:778-80

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)

Transient postpartum diabetes insipidus (Raziel et al). 1991;164:616-8

Puerperium

Position change and central hemodynamic profile during normal third-trimester pregnancy and post partum (Clark et al). 1991;164:883-7

Recurrent herpes gestationis with postpartum flare: a case report (Baxi et al). 1991;164:778-80

Pulmonary artery

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)

Pulmonary edema, animal

Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits (Tabor et al). 1991;164:675-81

Pulmonary surfactants

Dose effects of antenatal corticosteroids for induction of lung maturation in preterm rabbits (Tabor et al). 1991;164:675-81

Inhibition of pulmonary surfactant function by meconium (Moses et al). 1991;164:477-81

Pulsed ultrasonography; see Ultrasonography**Purpura, thrombocytopenic**

Fetal subdural hematoma before labor (Gunn and Becroft) (Letter); (Myers) (Reply). 1991;164:934-5

Pyelonephritis

Mechanisms of hemolysis and anemia associated with acute antepartum pyelonephritis (Cox et al). 1991;164:587-90

Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80

Q**Quality assurance, health care**

Maternal serum α -fetoprotein screening: further consideration of low-volume testing (Strickland et al). 1991;164:711-4 (Clin. opinion)

Stratification and standards: a quality assurance perspective (Zinberg). 1991;164:722-8 (Pres. address)

Quinolones

Antimicrobials in the 1990s: expanded options for effective patient care—summary (Faro). 1991;164:1399-400

Patient costs for prophylaxis and treatment of obstetric and gynecologic surgical infections (Stein). 1991;164:1377-80

R**Radiation injuries**

Management of radionecrosis of the vulva and distal vagina (Roberts et al). 1991;164:1235-8

Radical hysterectomy; see Hysterectomy**Radiographic magnification**

Improved mammographic accuracy (Pillsbury et al). 1991;164:1643-6

Radionecrosis; see Radiation injuries**Rape**

Cervical findings in rape victims (Slaughter and Brown). 1991;164:528-9

Rats, inbred strains

Pharmacokinetics of pentamidine in Sprague-Dawley rats in late pregnancy (Little et al). 1991;164:927-30

Receptors, adrenergic

Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7

Receptors, adrenergic, beta

Comparison of pulsatile and continuous ritodrine administration: effects on uterine contractility and β -adrenergic receptor cascade (Caritis et al). 1991;164:1005-12

Receptors, antigen, T-cell

Intradecidual T lymphocytes lack T-cell receptors (Dietl et al). 1991;164:702 (Letter)

Receptors, epidermal growth factor-urogastrone

Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. I. Correlation of receptor expression with prognostic factors in patients with ovarian cancer (Berchuck et al). 1991;164:669-74

- Epidermal growth factor receptor expression in normal ovarian epithelium and ovarian cancer. II. Relationship between receptor expression and response to epidermal growth factor (Rodriguez et al). 1991;164:745-50
- Receptors, estradiol**
Fibrocystic disease of the breast in premenopausal women: histohormonal correlation and response to luteinizing hormone-releasing hormone analog treatment (Monso-nego et al). 1991;164:1181-9
- Receptors, estrogen**
Estrogen receptors in the external anal sphincter (Haadem et al). 1991;164:609-10
- Recombinant tissue plasminogen activator; see Plasminogen activator, tissue-type**
- Rectum, surgery**
Posterior colporrhaphy and perineorrhaphy: separate and distinct operations (Nichols). 1991;164:714-21 (Clin. opinion)
- Regression analysis**
Effect of subject height on the result for the fifty-gram oral glucose tolerance test (Phillipou). 1991;164:698 (Letter)
- Renal failure, acute; see Kidney failure, acute**
- Renal insufficiency; see Kidney failure, acute**
- Renin-angiotensin system**
Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al). 1991;164:1145-50
- Reproducibility of results**
Reproducibility of the oral glucose tolerance test in pregnancy (Harlass et al). 1991;164:564-8
- Research design**
Antepartum testing in the hypertensive patient: when to begin (Pircon et al). 1991;164:1563-70
- Residency training; see Internship and residency**
- Respiratory distress syndrome**
Fetal thyroid-stimulating hormone response to maternal administration of thyrotropin-releasing hormone (Thorpe-Beeston et al). 1991;164:1244-5
- Respiratory distress syndrome, adult**
Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80
- Respiratory insufficiency**
Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80
- Restriction fragment length polymorphism**
Restriction fragment length polymorphism analysis to study the genetic origin of complete hydatidiform mole (Ko et al). 1991;164:901-6
- Retained placenta; see Placenta**
- Rh isoimmunization**
Rh immune globulin prophylaxis for threatened abortions (Kuller) (Letter); (Dayton et al) (Reply). 1991;164:703-4
- Risk factors**
Comparison of associated high-risk factors and perinatal outcome between symmetric and asymmetric fetal intrauterine growth retardation (Lin et al). 1991;164:1535-42
Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9
Pregnancy-related mortality in New York City, 1980 to 1984: causes of death and associated risk factors (Syverson et al). 1991;164:603-8
- Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80
- Reduction of cardiovascular disease-related mortality among postmenopausal women who use hormones: evidence from a national cohort (Wolf et al). 1991;164:489-94
- Reproductive factors and risk of endometrial cancer (Parazzini et al). 1991;164:522-7
- Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort (Abrams and Newman). 1991;164:785-90
- Risk management**
Alternative liability insurance: a physician-owned captive insurance company (Lee). 1991;164:1680-5
- Ritodrine**
Comparison of pulsatile and continuous ritodrine administration: effects on uterine contractility and β -adrenergic receptor cascade (Curtis et al). 1991;164:1005-12
Outcome of very-low-birth-weight infants exposed to β -sympathomimetics in utero (Laros et al). 1991;164:1657-65
Randomized comparative trial of indomethacin and ritodrine for the long-term treatment of preterm labor (Bensing et al). 1991;164:981-8
- ROC curve**
Comparative efficacy of umbilical arterial Doppler indices for predicting adverse perinatal outcome (Maulik et al). 1991;164:1434-40
- Roster**
Roster of American obstetric and gynecologic societies. 1991;164:238-9
- Routine diagnostic tests; see Diagnostic tests**
- RU 486; see Mifepristone**
- S**
- Sacrocervicopexy; see Fascia lata, transplantation**
- Salpingitis**
Chlamydia trachomatis: female pelvic infection (Faro). 1991;164:1767-70
Diagnosis and laparoscopic grading of acute salpingitis (Soper). 1991;164:1370-6
Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81
A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis (Wendel et al). 1991;164:1390-6
- Scanning electron microscopy; see Microscopy, electron, scanning**
- Sclerotherapy**
Endoscopic sclerotherapy in extrahepatic portal hypertension in pregnancy (Pauzner et al). 1991;164:152-3
- Second trimester of pregnancy; see Pregnancy trimester, second**
- Sedation; see Hypnotics and sedatives**
- Seizures**
Antiepileptic medication in pregnancy: late effects on the children's central nervous system development (van der Pol et al). 1991;164:121-8
Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat (Choi et al). 1991;164:693-7
- Serotonin, antagonists and inhibitors**
A selective serotonin reuptake inhibitor, fluoxetine hydrochloride, modulates the pulsatile release of prolactin in

- Serotonin, antagonists and inhibitors—cont'd**
postmenopausal women (Urban and Veldhuis). 1991;164:147-52
- Sex behavior**
Impact of tubal sterilization and vasectomy on female marital sexuality: results of a controlled longitudinal study (Shain et al). 1991;164:763-71
- Sex education**
Menstrual mythology and sources of information about menstruation (Cumming et al). 1991;164:472-6 (Clin. opinion)
- Sex preselection**
Attitudes on the ethics of abortion, sex selection, and selective pregnancy termination among health care professionals, ethicists, and clergy likely to encounter such situations (Evans et al). 1991;164:1092-9
- Sexuality; see Sex behavior**
- Sexually transmitted diseases; see also specific diseases**
The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9
- Shock**
Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)
- Small-for-gestational-age birth; see Infant, small for gestational age**
- Smoking**
Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9
- Smooth muscle; see Muscle, smooth**
- Society of Perinatal Obstetricians**
Program of the eleventh annual meeting of the Society of Perinatal Obstetricians. 1991;164:241-466
- Socioeconomic factors**
Prevalence of acquired immunodeficiency syndrome detected during prenatal care of population of low socioeconomic status (Porto) (Letter); (Bartoni) (Reply). 1991;164:705-6
- Sodium**
Characterization of sodium channels in cultured human uterine smooth muscle cells (Young and Herndon-Smith). 1991;164:175-81
- Sperm; see Spermatozoa**
- Sperm count**
The importance of the postcoital test (Check) (Letter); (Grimes and Griffith) (Reply). 1991;164:932-3
- Spermatozoa**
Antisperm antibodies to sperm surface antigens in women with genital tract infection (Cunningham et al). 1991;164:791-6
Multinuclear spermatozoa associated with polyploidy (Parikh et al). 1991;164:128-9
Pregnancy rates after peritoneal ovum-sperm transfer (Coulam et al). 1991;164:1447-52
Prospective analysis of sperm-oocyte fusion and reactive oxygen species generation as criteria for the diagnosis of infertility (Aitken et al). 1991;164:542-51
Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects (Oehninger et al). 1991;164:1210-5
Spina bifida cystica
Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results (Thornton et al). 1991;164:154-60
- Spouse abuse**
Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9
- Sprague-Dawley rats; see Rats, inbred strains**
- Squamous cell carcinoma; see Carcinoma, squamous cell**
- Staging of neoplasms; see Neoplasm staging**
- Sterile water blocks; see Injections, intradermal**
- Sterilization, tubal**
Impact of tubal sterilization and vasectomy on female marital sexuality: results of a controlled longitudinal study (Shain et al). 1991;164:763-71
- Steroids**
Ovarian response in superovulated cycles after suppression with oral contraceptive steroids (Burry et al). 1991;164:1592-6
Spontaneous and steroid-induced recurrence of endometriosis after suppression by a gonadotropin-releasing hormone antagonist in the rat (Sharpe et al). 1991;164:187-94
Steroid-responsive nephrotic syndrome with renal insufficiency in the first trimester of pregnancy (Uribe et al). 1991;164:568-9
- Stillbirth; see Fetal death**
- Streptococcus agalactiae**
Group B streptococcal disease (Matorras et al) (Letter); (Silver and Gibbs) (Reply). 1991;164:1152-3
- Streptococcus group B; see Streptococcus agalactiae**
- Subdural hematoma; see Hematoma, subdural**
- Substance abuse**
The biologic and social consequences of perinatal cocaine use in an inner-city population: results of an anonymous cross-sectional study (McCalla et al). 1991;164:625-30
Cocaine and the use of alcohol and other drugs during pregnancy (Stressiguth et al). 1991;164:1239-43
Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7
Cocaine in pregnancy: the effect of maternal administration of cocaine on the maternal and fetal pituitary-adrenal axes (Owiny et al). 1991;164:658-63
Drug abuse and other risk factors for physical abuse in pregnancy among white non-Hispanic, black, and Hispanic women (Berenson et al). 1991;164:1491-9
- Superstitions**
Menstrual mythology and sources of information about menstruation (Cumming et al). 1991;164:472-6 (Clin. opinion)
- Surface antigens; see Antigens, surface**
- Surfactants, pulmonary; see Pulmonary surfactants**
- Survival**
Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al). 1991;164:99-104
Stage IB squamous cell cancer of the cervix: clinicopathologic features related to survival (Hopkins and Morley). 1991;164:1520-9
- Sutures**
Suture entrapment and secondary ureteral obstruction (Stanhope et al). 1991;164:1513-9

Sympathomimetics

The effects of indomethacin and a β -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: a randomized double-blind study (Eronen et al). 1991;164:141-6

Outcome of very-low-birth-weight infants exposed to β -sympathomimetics in utero (Laros et al). 1991;164:1657-65

T

T-cell receptors; see Receptors, antigen, T-cell

T-lymphocytes

Intradecidual T lymphocytes lack T-cell receptors (Dietl et al). 1991;164:702 (Letter)

Temporal arteritis

A case report of giant cell arteritis of the uterus and adnexa (Summers et al). 1991;164:540-2

Teratoma

Gliomatosis peritonei with malignant transformation: a case report and review of the literature (Shefren et al). 1991;164:1617-21

Terbutaline

Outcome of very-low-birth-weight infants exposed to β -sympathomimetics in utero (Laros et al). 1991;164:1657-65

Tetracycline

The effect of tetracycline on levels of oral contraceptives (Murphy et al). 1991;164:28-33

Thermogenesis; see Body temperature

Third trimester of pregnancy; see Pregnancy trimester, third

Threatened abortions; see Abortion, threatened

Thrombocytopenia

Fetal-neonatal thrombocytopenia: Mode of delivery? (Levy) (Letter); (Burrows and Kelton) (Reply). 1991;164:1362-3

Quantitative and qualitative platelet abnormalities during pregnancy (How et al). 1991;164:92-8

Thrombocytopenic purpura; see Purpura, thrombocytopenic

Thromboembolectomy; see Thrombosis

Thrombosis

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy (Kool). 1991;164:701-2 (Letter)

Thromboxanes

Decreased levels of polyunsaturated fatty acids in pre-eclampsia (Wang et al). 1991;164:812-8

Thyroid gland

The effects of iodophylaxis on thyroid size during pregnancy (Romano et al). 1991;164:482-5

Thyroid-stimulating hormone; see Thyrotropin

Thyrotropin

Fetal thyroid-stimulating hormone response to maternal administration of thyrotropin-releasing hormone (Thorpe-Beeston et al). 1991;164:1244-5

Thyrotropin-releasing hormone

Fetal thyroid-stimulating hormone response to maternal administration of thyrotropin-releasing hormone (Thorpe-Beeston et al). 1991;164:1244-5

Tissue culture

Effect of progesterone on renin secretion in endometrial stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al). 1991;164:1145-50

Tissue plasminogen activator; see Plasminogen activator, tissue-type

Tobacco use; see Smoking

Tobramycin

Combination antimicrobial therapy in the treatment of acute

pelvic inflammatory disease (Landers et al). 1991;164:849-58

Tocolysis

Meconium-stained amniotic fluid: a risk factor for microbial invasion of the amniotic cavity (Romero et al). 1991;164:859-62

Prevention of preterm birth in high-risk patients: the role of education and provider contact versus home uterine monitoring (Dyson et al). 1991;164:756-62

Pulmonary injury associated with antepartum pyelonephritis: Can patients at risk be identified? (Towers et al). 1991;164:974-80

Randomized comparative trial of indomethacin and ritodrine for the long-term treatment of preterm labor (Bensing et al). 1991;164:981-8

Tokodynamometry; see Cardiotocography

Torsion

Fetal ovarian cysts: prenatal ultrasonographic detection and postnatal evaluation and treatment (Meizner et al). 1991;164:874-8

Ovarian neoplasms and the risk of adnexal torsion (Sommerville et al). 1991;164:577-8

Trachoma virus; see Chlamydia trachomatis

Tranexamic acid

A comparison of flurbiprofen, tranexamic acid, and a levonorgestrel-releasing intrauterine contraceptive device in the treatment of idiopathic menorrhagia (Milsom et al). 1991;164:879-83

Transabdominal cerclage; see Cervix incompetence

Transactions

Transactions of the fifty-eighth annual meeting of the Central Association of Obstetricians and Gynecologists. 1991;164:1401-542

Transactions of the fifty-seventh annual meeting of the Pacific Coast Obstetrical and Gynecological Society. 1991;164:1543-685

Transactions of the ninth annual meeting of the American Gynecological and Obstetrical Society. 1991;164:939-1071

Transmission electron microscopy; see Microscopy, electron Transplantation, autologous

Fertility retention in the patient with genital prolapse (Nichols). 1991;164:1155-8 (Clin. opinion)

Transplantation, homologous

Transplantation of fetal cells (Crombleholme et al). 1991;164:218-30 (Curr. dev.)

Transvaginal ultrasonography; see Ultrasonography

Transverse cerebellar diameter; see Fetal development

Treatment refusal

Outpatient sedation: an essential addition to gynecologic care for persons with mental retardation (Rosen et al). 1991;164:825-8

Trial of labor

Vaginal birth after cesarean section: the impact of patient resistance to a trial of labor (Joseph et al). 1991;164:1441-7

Triplets

Cross-sectional analysis of triplet birth weight (Jones et al). 1991;164:135-40

Trisomy

Fetal choroid plexus cysts in the second trimester of pregnancy: a cause for concern (Platt et al). 1991;164:1652-6

Trophoblast

Effect of progesterone on renin secretion in endometrial

Trophoblast—cont'd

- stromal, chorionic trophoblast, and mesenchymal monolayer cultures (Shah et al). 1991;164:1145-50
- Forskolin and methotrexate induce an intermediate trophoblast phenotype in cultured human choriocarcinoma cells (Taylor et al). 1991;164:204-10
- Immunohistochemical localization of gonadotropin-releasing hormone during implantation in the New Zealand White rabbit (Bergh et al). 1991;164:1127-31

Trophoblastic tumor

- Prognostic factors in gestational trophoblastic tumors: a proposed new scoring system based on multivariate analysis (Lurain et al). 1991;164:611-6
- A prospective genetic study of complete and partial hydatidiform moles (Lawler et al). 1991;164:1270-7

Tubal pregnancy; see Pregnancy, tubal**Tubal sterilization; see Sterilization, tubal****Tuboovarian abscess; see Adnexitis****Tumor antigens; see Antigens, neoplasm****Tumor markers, biological**

- Serum interleukin-6 levels correlate with disease status in patients with epithelial ovarian cancer (Berek et al). 1991;164:1038-43

Twin transfusion syndrome; see Fetofetal transfusion**Twins**

- Fetal vibratory acoustic stimulation in twin gestations with simultaneous fetal heart rate monitoring (Sherer et al). 1991;164:1104-6
- Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al). 1991;164:1426-33

U

Ultrasonography

- Dissection of the cardinal ligament in radical hysterectomy for cervical cancer with emphasis on the lateral ligament (Yabuki et al). 1991;164:7-14 (Clin. opinion)
- Endometrial thickness as measured by endovaginal ultrasonography for identifying endometrial abnormality (Granberg et al). 1991;164:47-52
- Hysterosalpingography with color Doppler ultrasonography (Peters and Coulam). 1991;164:1530-4
- Improved mammographic accuracy (Pillsbury et al). 1991;164:1643-6
- Ultrasonography in the diagnosis of gynecologic disorders (Willson). 1991;164:1064-71

Ultrasonography, prenatal

- Cardiac function in fetuses of type I diabetic mothers (Rizzo et al). 1991;164:837-43
- The clinical implications of subchorionic placental lucencies (Katz et al). 1991;164:99-100
- The current status of maternal and fetal blood flow velocimetry (Low). 1991;164:1049-63
- Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9
- Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203
- Evaluation of an aneurysm of the vein of Galen in utero by pulsed and color Doppler ultrasonography (Ishimatsu et al). 1991;164:743-4
- Evaluation of changes in umbilical blood flow in the fetal

lamb by Doppler waveform analysis (Schmidt et al). 1991;164:1118-26

Fetal ovarian cysts: prenatal ultrasonographic detection and postnatal evaluation and treatment (Meizner et al). 1991;164:874-8

First-trimester transvaginal ultrasonographic screening: incidence of structural anomalies (Rottem) (Letter); (Cullen) (Reply). 1991;164:933

Follow-up of elevated maternal serum α -fetoprotein levels: Ultrasonography only or amniocentesis? (Whitehead et al). 1991;164:1688-9 (Letter)

Frontothalamic measurement in the second trimester of pregnancy (Crade et al). 1991;164:704-5 (Letter)

In utero diagnosis and management of fetal subdural hematoma (Rotmensh et al). 1991;164:1246-8

Investigation of placental circulations by color Doppler ultrasonography (Jauniaux et al). 1991;164:486-8

Is pulsed Doppler velocimetry useful in the management of multiple-gestation pregnancies? (Gaziano et al). 1991;164:1426-33

The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al). 1991;164:38-41

The role of the transcerebellar view in the detection of fetal central nervous system anomaly (Hill et al). 1991;164:1220-4

The roles of ultrasonography and amniocentesis in evaluation of elevated maternal serum α -fetoprotein (Lindfors et al). 1991;164:1571-6

Screening and detection of congenital malformation (Pitkin). 1991;164:1045-8

Tables for estimation of individual risks of fetal neural tube and ventral wall defects, incorporating prior probability, maternal serum α -fetoprotein levels, and ultrasonographic examination results (Thornton et al). 1991;164:154-60

Transvaginal color Doppler imaging in the assessment of uteroplacental blood flow in the normal first-trimester pregnancy (Jaffe and Warsof). 1991;164:781-5

Transvaginal ultrasonographic definition of the central nervous system in the first and early second trimesters (Timor-Tritsch et al). 1991;164:497-503

The transverse cerebellar diameter in the second trimester is unaffected by Down syndrome (Hill et al). 1991;164:101-3

Ultrasonography in obstetrics and gynecology: the state of the art in 1990—panel discussion. 1991;164:1044

Umbilical artery blood flow velocity waveforms during variable decelerations of the fetal heart rate (Weiss et al). 1991;164:534-40

Venous Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al). 1991;164:33-7

Umbilical arteries

Comparative efficacy of umbilical arterial Doppler indices for predicting adverse perinatal outcome (Maulik et al). 1991;164:1434-40

Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies (Fairlie et al). 1991;164:1084-9

Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203

- Neonatal complications at term as related to the degree of umbilical artery acidemia (Winkler et al). 1991;164:637-41
- The relationships among umbilical artery velocimetry, fetal biophysical profile, and placental inflammation in preterm premature rupture of the membranes (Fleming et al). 1991;164:38-41
- Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al). 1991;164:1261-4
- Umbilical artery blood flow velocity waveforms during variable decelerations of the fetal heart rate (Weiss et al). 1991;164:534-40
- Umbilical blood; see Fetal blood**
- Umbilical blood sampling; see Fetal blood**
- Umbilical cord**
- Intraumbilical injection of oxytocin (Chestnut) (Letter); (Golan) (Reply). 1991;164:702-3
 - Umbilical cord ulceration and intestinal atresia: A new association? (Bendon et al). 1991;164:582-6
- Umbilical cord blood; see Fetal blood**
- Umbilical veins**
- Umbilical arterial and venous acid-base and blood gas values and the effect of chorioamnionitis on those values in a cohort of preterm infants (Hankins et al). 1991;164:1261-4
 - Umbilical vein administration of oxytocin for the management of retained placenta: Is it effective? (Huber et al). 1991;164:1216-9
- Venous Doppler ultrasonography in the fetus with nonimmune hydrops (Gudmundsson et al). 1991;164:33-7
- Ureaplasma**
- Antepartum cultures for *Ureaplasma urealyticum* are not useful in predicting pregnancy outcome (Carey et al). 1991;164:728-33
 - A randomized placebo-controlled trial of erythromycin for the treatment of *Ureaplasma urealyticum* to prevent premature delivery (Eschenbach et al). 1991;164:734-42
- Ureteral obstruction**
- Suture entrapment and secondary ureteral obstruction (Stanhope et al). 1991;164:1513-9
- Urethritis**
- The clinical experience with ofloxacin in the treatment of sexually transmitted diseases (Corrado). 1991;164:1396-9
 - Genital chlamydial infections: epidemiology and reproductive sequelae (Cates and Wasserheit). 1991;164:1771-81
- Urinary incontinence, stress**
- A method for safer urinary incontinence surgery (Gallaspy). 1991;164:1151 (Letter)
 - Simplified urethrocytovaginal suspension for stress urinary incontinence (Toan) (Letter); (Varner) (Reply). 1991;164:1689-90
- Urinary tract**
- Urinary tract dilatation in pregnancy (Brown). 1991;164:642-3
- Urinary tract infections**
- New directions in the diagnosis and therapy of urinary tract infections (Powers). 1991;164:1387-9
- Uterine contraction**
- Antepartum testing in the hypertensive patient: when to begin (Pircon et al). 1991;164:1563-70
- Comparison of pulsatile and continuous ritodrine administration: effects on uterine contractility and β -adrenergic receptor cascade (Cariis et al). 1991;164:1005-12
- Dilatation despite cervical cerclage: a diagnostic pitfall (Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)
- Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50
- Uterine hemorrhage**
- Hormonal inhibition of the endometrium for resectoscopic endometrial ablation (Brooks et al). 1991;164:1601-8
- Uterine monitoring in home; see Home nursing**
- Uterine muscle; see Myometrium**
- Uterine neoplasms**
- Angiosarcoma of the uterus: a case report (Quinonez et al). 1991;164:90-2
 - Endometrial thickness as measured by endovaginal ultrasound for identifying endometrial abnormality (Granberg et al). 1991;164:47-52
 - Overexpression of HER-2/neu in endometrial cancer is associated with advanced stage disease (Berchuck et al). 1991;164:15-21
 - Reproductive factors and risk of endometrial cancer (Parazzini et al). 1991;164:522-7
- Uterine prolapse**
- Fertility retention in the patient with genital prolapse (Nichols). 1991;164:1155-8 (Clin. opinion)
 - Posterior colporrhaphy and perineorrhaphy: separate and distinct operations (Nichols). 1991;164:714-21 (Clin. opinion)
 - Sacrospinous fixation—Should this be performed at the time of vaginal hysterectomy? (Cruikshank). 1991;164:1072-6 (Clin. opinion)
- Uterine rupture**
- Dilatation despite cervical cerclage: a diagnostic pitfall (Jacquemyn and Buytaert). 1991;164:1686-7 (Letter)
- Uteroplacental blood flow; see Fetal blood**
- Uterus**
- Argon laser versus microscissors for hysteroscopic incision of uterine septa (Candiani et al). 1991;164:87-90
 - A case report of giant cell arteritis of the uterus and adnexa (Summers et al). 1991;164:540-2
 - Characterization of sodium channels in cultured human uterine smooth muscle cells (Young and Herndon-Smith). 1991;164:175-81
 - Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6
 - Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50
 - Successful pregnancy in a patient with Hallermann-Streiff syndrome (Hendrix and Sauer). 1991;164:1102-4
- Uterus, animal**
- Cocaine directly augments the α -adrenergic contractile response of the pregnant rabbit uterus (Hurd et al). 1991;164:182-7
 - Effect of intravenous cocaine on uterine blood flow in the gravid baboon (Morgan et al). 1991;164:1021-30
 - A new model for objective assessment of cervical ripening:

Uterus, animal—cont'd

the effect of prostaglandin E₂ and prelabor contractility (Takahashi et al). 1991;164:1115-8

V

Vagina

Management of radionecrosis of the vulva and distal vagina (Roberts et al). 1991;164:1235-8

Posterior colporrhaphy and perineorrhaphy: separate and distinct operations (Nichols). 1991;164:714-21 (Clin. opinion)

Vasoactive intestinal polypeptide loses its ability to increase vaginal blood flow after menopause (Palle et al). 1991;164:556-8

Vaginal birth after cesarean

Vaginal birth after cesarean section: the impact of patient resistance to a trial of labor (Joseph et al). 1991;164:1441-7

Vaginal fistula

Spontaneous ovarian-to-vaginal fistula: a case report (Claman et al). 1991;164:71-2

Vaginal prolapse; see Uterine prolapse**Vaginal smears**

Clinical implications of screening for cervical cancer under Medicare (Mandelblatt et al). 1991;164:644-51 (Curr. dev.)

The use of the Cytobrush cervical sampler in patients with cervical stenosis (Hoffman et al). 1991;164:52-3

Vaginitis

Enhancement of germ tube formation in *Candida albicans* by β-endorphin (Witkin and Kalo-Klein). 1991;164:917-20

Regulation of the immune response to *Candida albicans* by monocytes and progesterone (Kalo-Klein and Witkin). 1991;164:1351-4

Vascular resistance

Diastolic circulatory dynamics in the presence of elevated placental resistance and retrograde diastolic flow in the umbilical artery: a Doppler echographic study in lambs (Fouron et al). 1991;164:195-203

Vascular smooth muscle; see Muscle, smooth, vascular**Vasculitis**

A case report of giant cell arteritis of the uterus and adnexa (Summers et al). 1991;164:540-2

Vasectomy

Impact of tubal sterilization and vasectomy on female marital sexuality: results of a controlled longitudinal study (Shain et al). 1991;164:763-71

Vasoactive intestinal peptide

Vasoactive intestinal polypeptide loses its ability to increase vaginal blood flow after menopause (Palle et al). 1991;164:556-8

Vasoconstrictor agents

Endothelin and neuropeptide Y are vasoconstrictors in human uterine blood vessels (Fried and Samuelson). 1991;164:1330-6

Vasodilation

Effect of low-dose aspirin on vascular refractoriness in an-

giotensin-sensitive primigravid women (Wallenburg et al). 1991;164:1169-73

Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients (Nelson and Suresh). 1991;164:1344-50

Vein of Galen; see Cerebral veins**Ventral wall defects; see Fetal development****Ventriculomegaly, fetal; see Fetus, abnormalities****Verapamil**

Periovulatory calcium channel blockade enhances reproductive performance in an animal model for endometriosis-associated subfertility (Steinleitner et al). 1991;164:949-52

Vibration

Occupational vibration during pregnancy (Abrams and Wasserman). 1991;164:1152 (Letter)

Vibroacoustic stimulation; see Acoustic stimulation**Virulence**

Phospholipase C activity in microorganisms associated with reproductive tract infection (McGregor et al). 1991;164:682-6

von Willebrand disease

Quantitative and qualitative platelet abnormalities during pregnancy (How et al). 1991;164:92-8

Vulvar diseases

Management of radionecrosis of the vulva and distal vagina (Roberts et al). 1991;164:1235-8

Unraveling the mysteries of vulval ulceration in human immunodeficiency virus-seropositive women (Kell and Barton) (Letter); (Covino and McCormack) (Reply). 1991;164:935-6

Vulvar vestibulitis: prevalence and historic features in a general gynecologic practice population (Goetsch). 1991;164:1609-16

Vulvar neoplasms

Assessment of current International Federation of Gynecology and Obstetrics staging of vulvar carcinoma relative to prognostic factors for survival (A Gynecologic Oncology Group Study) (Homesley et al). 1991;164:997-1004

Trends in the operative management of invasive squamous carcinoma of the vulva at Indiana University, 1974 to 1988 (Sutton et al). 1991;164:1472-81

Vulvitis

Vulvar vestibulitis: prevalence and historic features in a general gynecologic practice population (Goetsch). 1991;164:1609-16

W

Weight gain

Small-for-gestational-age birth: maternal predictors and comparison with risk factors of spontaneous preterm delivery in the same cohort (Abrams and Newman). 1991;164:785-90

Weight gain by gestational age in both black and white women delivered of normal-birth-weight and low-birth-weight infants (Petitti et al). 1991;164:801-5

WISH cell; see Amnion

